

Converting Colors

$Yxy(93.1322, 0.3094, 0.3365)$

Have a look what the booklet for
Yxy(93.1322, 0.3094, 0.3365)
contains.

Yxy(93.0194, 0.3092, 0.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.0194, 0.3092, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	EEFAF3
RGB	238, 250, 243
RGB Percent	93%, 98%, 95%
CMY	0.0670, 0.0195, 0.0471
CMYK	0.05, 0.00, 0.03, 0.02
HSL	145°, 55%, 96%
HSV	145°, 5%, 98%
XYZ	85.6000, 93.0194, 98.2241
YIQ	245.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

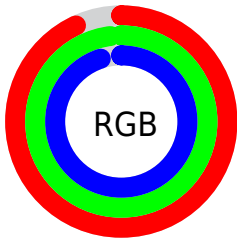
Format	Color
R_{YB}	238, 246, 250
Decimal	15661811
CIE _{Lab}	97.24, -5.23, 1.99
CIE _{LCh}	97, 5.595, 159.217
Yxy	93.0194, 0.3092, 0.3360
Android (android.graphics.Color)	4293851891 (0xFFEEFAF3)
YUV	245.6140, -1.2887, -6.6775
Hunter-Lab	96.4466, -10.3559, 7.1299

Details

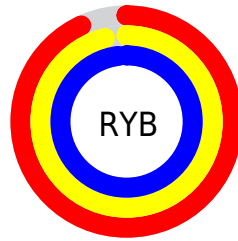
The Yxy color 93.0194, 0.3092, 0.3360 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0205, 0.3164, 0.3221, and the grayscale version is 91.8367, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.1165, 0.3083, 0.3379 is the 20% darker color. If you saturate the color by 10%, you get 88.1498, 0.3020, 0.3518, and if you desaturate by 10%, it is 96.8705, 0.3129, 0.3243.

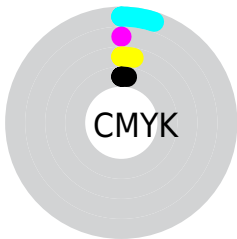
Distribution



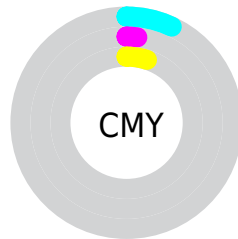
- Red (93%)
- Green (98%)
- Blue (95%)



- Red (93%)
- Yellow (96%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)





- Cyan (7%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0194, 0.3092, 0.3360 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 93.0194, 0.3092, 0.3360 by changing the saturation by 10% instead.

 93.0194, 0.3092,
0.3360

 93.0194, 0.3092,
0.3360

537.8047, 0.3108,
0.3329

 70.4876, 0.3089,
0.3367


151.5255, 0.3097,
0.3349

 51.9242, 0.3084,
0.3375


188.2686, 0.3099,
0.3345

 36.9446, 0.3079,
0.3386


230.5175, 0.3101,
0.3342

 25.1646, 0.3072,
0.3399

278.6568, 0.3103,
0.3338

 16.1998, 0.3064,
0.3416

333.0708, 0.3104,
0.3336

 9.6656, 0.3051,
0.3440

394.1438, 0.3106,

 5.1778, 0.3033,

0.3333

0.3476

462.2603, 0.3107,
0.3331

■ 2.3520, 0.3004,
0.3534

■ 0.8010, 0.2923,
0.3695

■ 93.0194, 0.3092,
0.3360

■ 93.0194, 0.3092,
0.3360

■ 88.1498, 0.3020,
0.3518


■ 96.8705, 0.3129,
0.3243

■ 83.9205, 0.2951,
0.3694


■ 80.3075, 0.2887,
0.3888

■ 77.2808, 0.2832,
0.4098

 74.8075, 0.2788,
0.4320

 72.8516, 0.2760,
0.4550

 71.3727, 0.2750,
0.4780

 70.3238, 0.2759,
0.5001

 69.6476, 0.2787,
0.5206

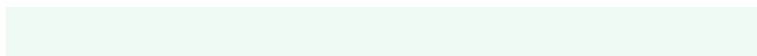
Harmonies

Analogous

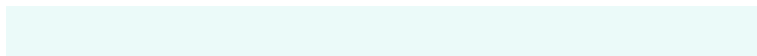
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0194, 0.3155, 0.3392



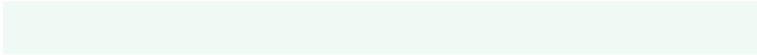
93.0194, 0.3092, 0.3360



93.0194, 0.3039, 0.3309

Triad

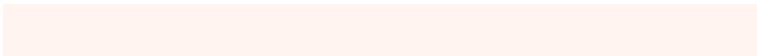
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0194, 0.3092, 0.3360



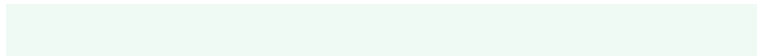
93.0194, 0.3044, 0.3185



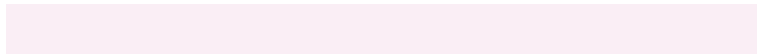
93.0194, 0.3246, 0.3326

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



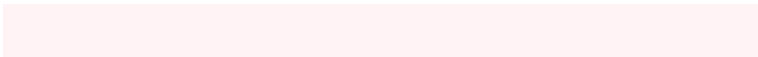
93.0194, 0.3092, 0.3360



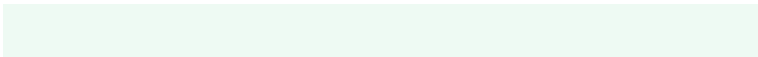
88.0205, 0.3164, 0.3221

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0194, 0.3216, 0.3271



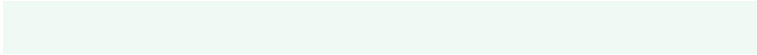
93.0194, 0.3092, 0.3360



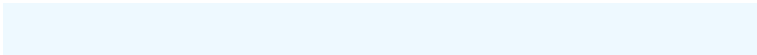
93.0194, 0.3099, 0.3191

Square

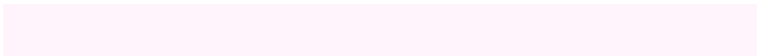
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



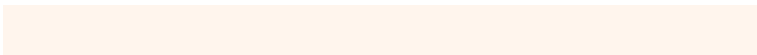
93.0194, 0.3092, 0.3360



93.0194, 0.3012, 0.3208



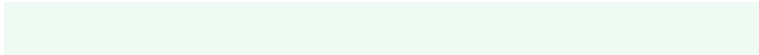
93.0194, 0.3162, 0.3222



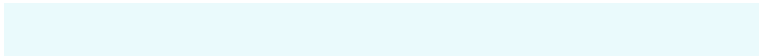
93.0194, 0.3244, 0.3372

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



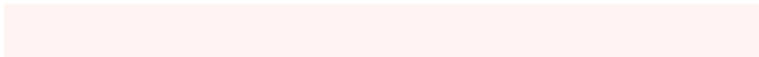
93.0194, 0.3092, 0.3360



93.0194, 0.3016, 0.3271



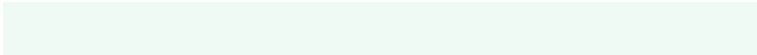
93.0194, 0.3162, 0.3222



93.0194, 0.3239, 0.3308

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93.0234, 0.3092, 0.3360



99.4244, 0.3120, 0.3304



93.9681, 0.3166, 0.3410



21.2870, 0.3120, 0.3303



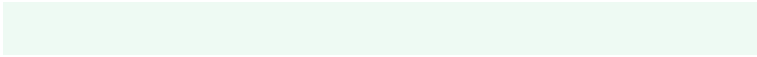
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

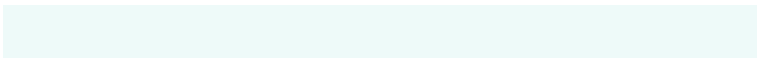
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0234, 0.3092, 0.3360



96.6529, 0.3084, 0.3377



93.3941, 0.3057, 0.3300



19.7343, 0.3079, 0.3387



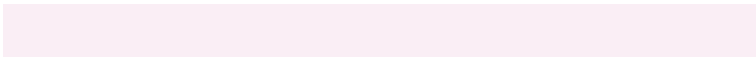
36.8301, 0.2798, 0.5273



3.4317, 0.2733, 0.5038

Inverse Universe

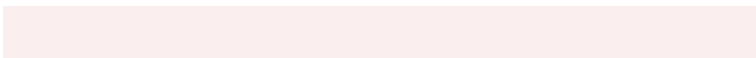
The Inverse Universe completely reimagines the original color for something new.



88.0205, 0.3164, 0.3221



90.2182, 0.3173, 0.3204



87.6579, 0.3202, 0.3280



18.2816, 0.3178, 0.3195



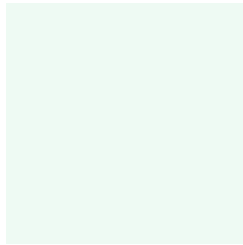
11.9007, 0.4619, 0.2318



1.1234, 0.4404, 0.2199

Previews

White Background



This preview shows how the Yxy color 93.0194, 0.3092, 0.3360 looks on a white background.

Color Contrast Check

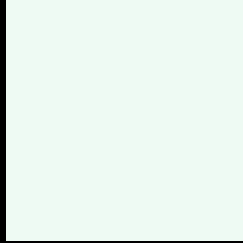
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 93.0194, 0.3092, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

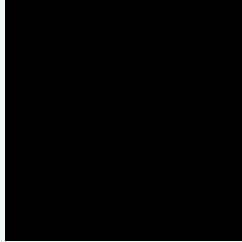
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

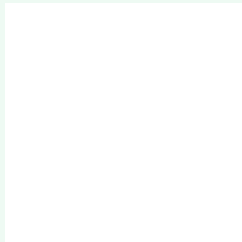
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0194, 0.3092, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 93.0194, 0.3092, 0.3360.

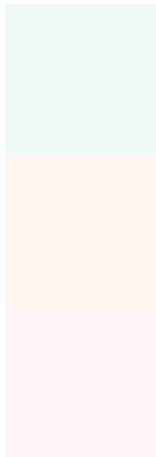


This preview shows how white text looks on a background with the Yxy color 93.0194, 0.3092, 0.3360.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.0194, 0.3092, 0.3360

Protanopia

93.1451, 0.3202, 0.3339

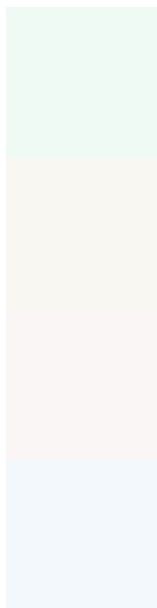
Deuteranopia

92.6152, 0.3186, 0.3271

Tritanopia

93.1540, 0.3068, 0.3212

Trichromacy



Original Color

93.0194, 0.3092, 0.3360

Protanomaly

92.8888, 0.3163, 0.3339

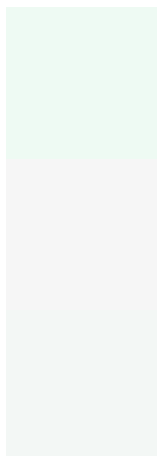
Deuteranomaly

92.6438, 0.3152, 0.3300

Tritanomaly

92.9771, 0.3072, 0.3260

Monochromacy



Original Color

93.0194, 0.3092, 0.3360

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1688, 0.3113, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0194, 0.3092, 0.3360 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 250, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 250, 243) }
```

Border

The CSS property to change the border of an element to Yxy 93.0194, 0.3092, 0.3360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 250, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 250, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 250, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(238, 250,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0194, 0.3092, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 250, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
250, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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