

Converting Colors

$Y_{xy}(92.2337, 0.3030, 0.3336)$

Have a look what the booklet for
Yxy(92.2337, 0.3030, 0.3336)
contains.

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Color

Yxy(92.0140, 0.3032, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	E7FAF6
RGB	231, 250, 246
RGB Percent	91%, 98%, 96%
CMY	0.0940, 0.0196, 0.0353
CMYK	0.08, 0.00, 0.02, 0.02
HSL	167°, 65%, 94%
HSV	167°, 8%, 98%
XYZ	83.7797, 92.0140, 100.5246
YIQ	243.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

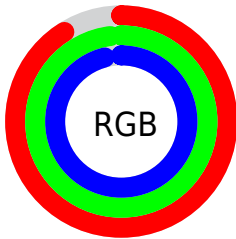
Format	Color
R _Y B	231, 242, 250
Decimal	15203062
CIE Lab	96.83, -6.91, -0.22
CIE LCh	97, 6.916, 181.805
Yxy	92.0140, 0.3032, 0.3330
Android (android.graphics.Color)	4293393142 (0xFFE7FAF6)
YUV	243.8630, 1.0535, -11.2809
Hunter-Lab	95.9239, -11.9654, 5.0131

Details

The Yxy color **92.0140, 0.3032, 0.3330** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4910, 0.3232, 0.3250**, and the grayscale version is **90.3543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4152, 0.3007, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **87.8303, 0.2911, 0.3388**, and if you desaturate by 10%, it is **96.6136, 0.3151, 0.3278**.

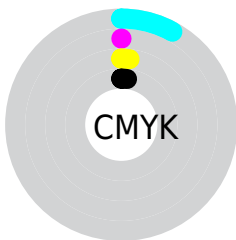
Distribution



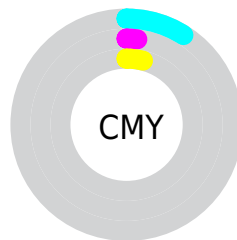
- Red (91%)
- Green (98%)
- Blue (96%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (9%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0140, 0.3032, 0.3330 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 92.0140, 0.3032, 0.3330 by changing the saturation by 10% instead.


 92.0140, 0.3032,
0.3330

 92.0140, 0.3032,
0.3330


534.5608, 0.3074,
0.3312

 69.6523, 0.3023,
0.3334

150.1328, 0.3046,
0.3324

 51.2431, 0.3012,
0.3339


186.6586, 0.3052,
0.3322

 36.4021, 0.2998,
0.3344


228.6746, 0.3057,
0.3320

 24.7449, 0.2980,
0.3352

276.5652, 0.3061,
0.3318

 15.8871, 0.2956,
0.3361

330.7147, 0.3065,
0.3316

 9.4443, 0.2924,
0.3375

391.5075, 0.3068,

 5.0321, 0.2877,

0.3315

459.3281, 0.3071,
0.3314

0.3394

2.2661, 0.2802,
0.3425

0.7557, 0.2564,
0.3526

92.0140, 0.3032,
0.3330

92.0140, 0.3032,
0.3330

87.8303, 0.2911,
0.3388

96.6136, 0.3151,
0.3278

84.2210, 0.2798,
0.3450

96.8513, 0.3129,
0.3242

81.1630, 0.2696,
0.3518

78.6272, 0.2608,
0.3590

■ 76.5819, 0.2536,
0.3665

■ 74.9918, 0.2483,
0.3742

■ 73.8167, 0.2449,
0.3820

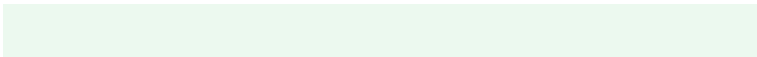
■ 73.0095, 0.2436,
0.3899

■ 72.5079, 0.2441,
0.3976

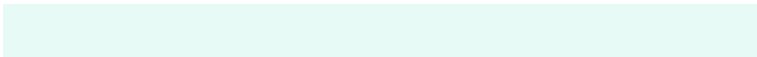
Harmonies

Analogous

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



92.0140, 0.3102, 0.3390



92.0140, 0.3032, 0.3330



92.0140, 0.2987, 0.3260

Triad

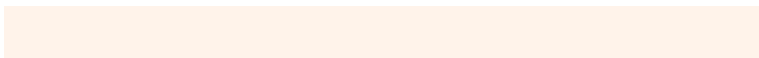
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0140, 0.3032, 0.3330



92.0140, 0.3073, 0.3162



92.0140, 0.3277, 0.3379

Complementary

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



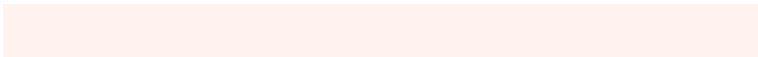
92.0140, 0.3032, 0.3330



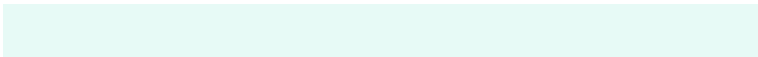
83.4910, 0.3232, 0.3250

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.



92.0140, 0.3269, 0.3318



92.0140, 0.3032, 0.3330



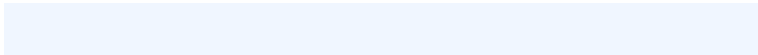
92.0140, 0.3151, 0.3194

Square

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



92.0140, 0.3032, 0.3330



92.0140, 0.3011, 0.3164



92.0140, 0.3223, 0.3250



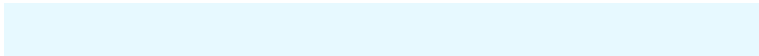
92.0140, 0.3244, 0.3418

Rectangle

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



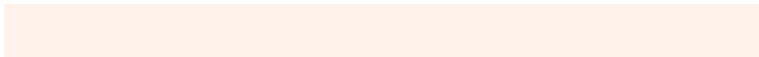
92.0140, 0.3032, 0.3330



92.0140, 0.2978, 0.3217



92.0140, 0.3223, 0.3250



92.0140, 0.3279, 0.3360

Sweetspot

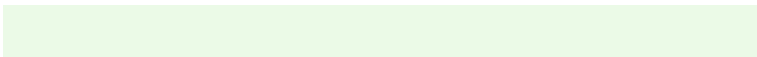
The Sweet Spot groups the original color and five complimentary colors.



92.0179, 0.3032, 0.3330



98.9763, 0.3102, 0.3300



91.8279, 0.3144, 0.3482



21.1957, 0.3103, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

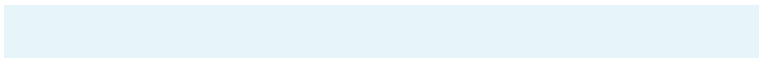
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0179, 0.3032, 0.3330



95.5957, 0.3014, 0.3338



88.9732, 0.3010, 0.3236



19.5421, 0.3009, 0.3341



38.4305, 0.2439, 0.3982



3.5745, 0.2414, 0.3889

Inverse Universe

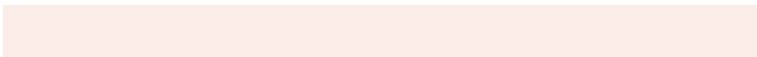
The Inverse Universe completely reimagines the original color for something new.



83.4910, 0.3232, 0.3250



85.1100, 0.3253, 0.3243



86.3179, 0.3253, 0.3344



17.2852, 0.3261, 0.3240



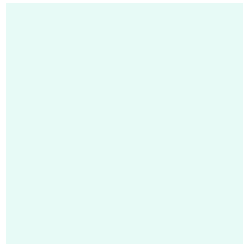
10.9329, 0.6047, 0.3105



1.0273, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 92.0140, 0.3032, 0.3330 looks on a white background.

Color Contrast Check

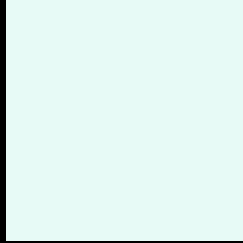
Large Text (above 18pt) WCAG AA × Fail

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 92.0140, 0.3032, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

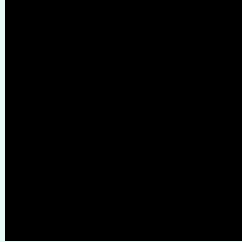
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

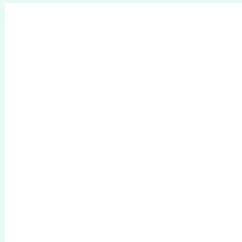
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0140, 0.3032, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 92.0140, 0.3032, 0.3330.

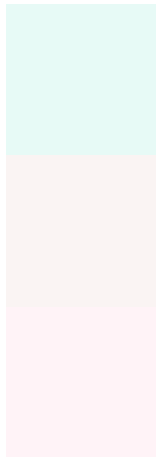


This preview shows how white text looks on a background with the Yxy color 92.0140, 0.3032, 0.3330.

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

92.0140, 0.3032, 0.3330

Protanopia

91.4964, 0.3172, 0.3300

Deuteranopia

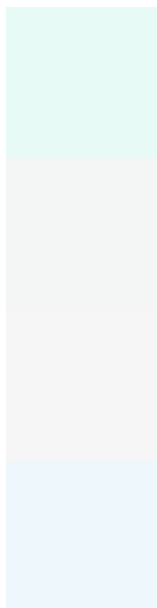
92.0766, 0.3181, 0.3252



Tritanopia

91.8323, 0.3043, 0.3201

Trichromacy



Original Color

92.0140, 0.3032, 0.3330

Protanomaly

91.4979, 0.3120, 0.3310

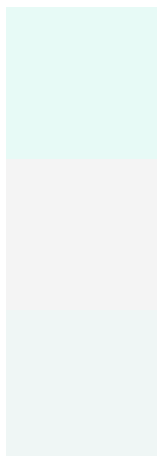
Deuteranomaly

92.2198, 0.3121, 0.3280

Tritanomaly

91.5543, 0.3035, 0.3240

Monochromacy



Original Color

92.0140, 0.3032, 0.3330

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.8548, 0.3088, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0140, 0.3032, 0.3330 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(231, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 246)  
}
```

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(231, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 246) }
```

Border

The CSS property to change the border of an element to Yxy 92.0140, 0.3032, 0.3330 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(231, 250, 246) }
```

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

```
.border{ border-color:rgb(231, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0140, 0.3032, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 246) }
```

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

```
.background{ background-color: rgb(231,  
250, 246) }
```

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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