

Converting Colors

$Yxy(92.3897, 0.3135, 0.3433)$

Have a look what the booklet for
Yxy(92.3897, 0.3135, 0.3433)
contains.

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Color

Yxy(92.6045, 0.3133, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	EEFAEC
RGB	238, 250, 236
RGB Percent	93%, 98%, 93%
CMY	0.0667, 0.0196, 0.0744
CMYK	0.05, 0.00, 0.06, 0.02
HSL	112°, 58%, 95%
HSV	112°, 6%, 98%
XYZ	84.5860, 92.6045, 92.7935
YIQ	244.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

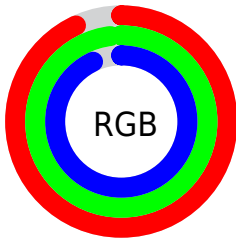
Format	Color
R _Y B	236, 250, 248
Decimal	15661804
CIE Lab	97.07, -6.42, 5.32
CIE LCh	97, 8.339, 140.326
Yxy	92.6045, 0.3133, 0.3430
Android (android.graphics.Color)	4293851884 (0xFFEEFAEC)
YUV	244.8160, -4.3463, -5.9776
Hunter-Lab	96.2312, -11.5055, 10.1899

Details

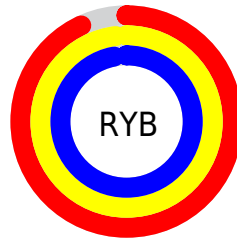
The Yxy color 92.6045, 0.3133, 0.3430 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.8746, 0.3121, 0.3153, and the grayscale version is 91.1948, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8239, 0.3135, 0.3470 is the 20% darker color. If you saturate the color by 10%, you get 87.7546, 0.3142, 0.3705, and if you desaturate by 10%, it is 96.8553, 0.3129, 0.3242.

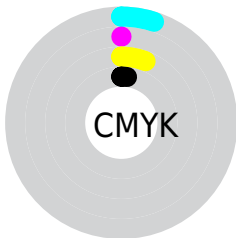
Distribution



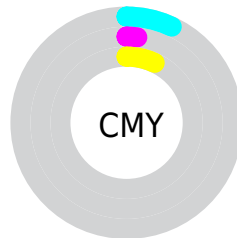
- Red (93%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.6045, 0.3133, 0.3430 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 92.6045, 0.3133, 0.3430 by changing the saturation by 10% instead.


 92.6045, 0.3133,
0.3430

 92.6045, 0.3133,
0.3430


536.4673, 0.3131,
0.3367

 70.1428, 0.3133,
0.3444

150.9509, 0.3132,
0.3409

 51.6430, 0.3134,
0.3461


187.6045, 0.3132,
0.3400

 36.7206, 0.3134,
0.3482


229.7574, 0.3132,
0.3393

 24.9912, 0.3135,
0.3509

277.7942, 0.3131,
0.3387

 16.0705, 0.3136,
0.3544

332.0992, 0.3131,
0.3381

 9.5741, 0.3137,
0.3594

393.0568, 0.3131,

 5.1175, 0.3137,

0.3376

0.3668

461.0513, 0.3131,
0.3371

■ 2.3164, 0.3136,
0.3789

■ 0.7823, 0.3174,
0.4231

■ 92.6045, 0.3133,
0.3430

■ 92.6045, 0.3133,
0.3430

■ 87.7546, 0.3142,
0.3705

■ 96.8553, 0.3129,
0.3242

■ 83.5243, 0.3149,
0.4011

■ 79.8920, 0.3151,
0.4343

■ 76.8308, 0.3149,
0.4690

■ 74.3110, 0.3140,
0.5035

■ 72.3008, 0.3124,
0.5355

■ 70.7648, 0.3101,
0.5625

■ 69.6627, 0.3073,
0.5825

■ 68.9473, 0.3043,
0.5943

Harmonies

Analogous

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



92.6045, 0.3223, 0.3452



92.6045, 0.3133, 0.3430



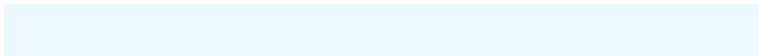
92.6045, 0.3042, 0.3368

Triad

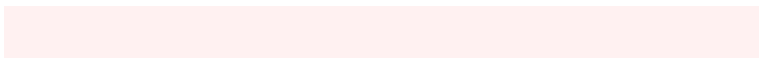
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6045, 0.3133, 0.3430



92.6045, 0.2968, 0.3150



92.6045, 0.3282, 0.3292

Complementary

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



92.6045, 0.3133, 0.3430



86.8746, 0.3121, 0.3153

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.



92.6045, 0.3212, 0.3214



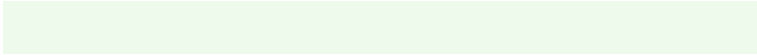
92.6045, 0.3133, 0.3430



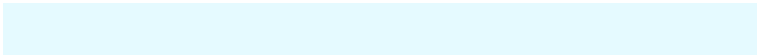
92.6045, 0.3030, 0.3132

Square

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



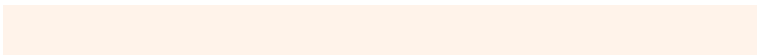
92.6045, 0.3133, 0.3430



92.6045, 0.2948, 0.3206



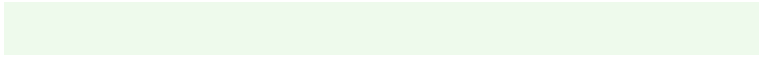
92.6045, 0.3119, 0.3156



92.6045, 0.3310, 0.3371

Rectangle

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



92.6045, 0.3133, 0.3430



92.6045, 0.2994, 0.3314



92.6045, 0.3119, 0.3156



92.6045, 0.3262, 0.3264

Sweetspot

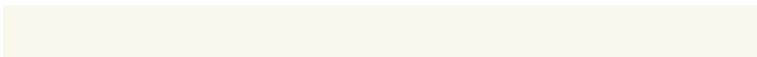
The Sweet Spot groups the original color and five complimentary colors.



92.6085, 0.3133, 0.3430



98.8538, 0.3129, 0.3339



93.4624, 0.3212, 0.3407



21.1708, 0.3129, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

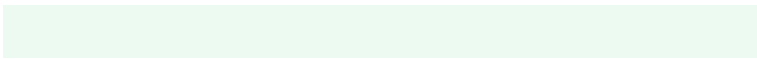
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6085, 0.3133, 0.3430



96.1080, 0.3134, 0.3467



92.5592, 0.3092, 0.3381



19.6288, 0.3135, 0.3483



36.4922, 0.3038, 0.5970



3.4143, 0.3099, 0.5921

Inverse Universe

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



86.8746, 0.3121, 0.3153



88.6634, 0.3119, 0.3117



86.9321, 0.3164, 0.3201



17.9818, 0.3118, 0.3103



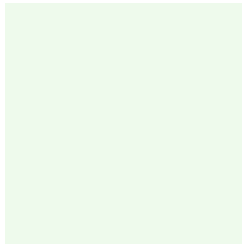
11.3661, 0.2857, 0.1347



1.0855, 0.2901, 0.1372

Previews

White Background



This preview shows how the Yxy color 92.6045, 0.3133, 0.3430 looks on a white background.

Color Contrast Check

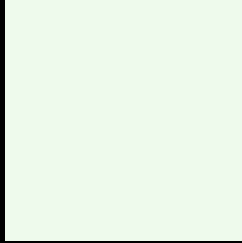
Large Text (above 18pt) WCAG AA × Fail

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 92.6045, 0.3133, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

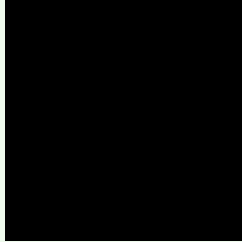
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

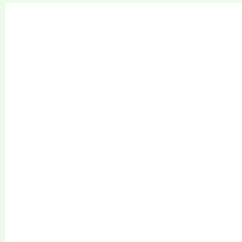
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6045, 0.3133, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 92.6045, 0.3133, 0.3430.

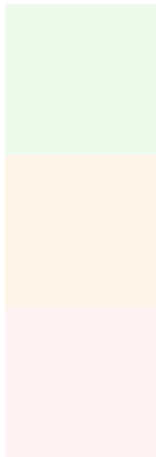


This preview shows how white text looks on a background with the Yxy color 92.6045, 0.3133, 0.3430.

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

92.6045, 0.3133, 0.3430

Protanopia

92.2588, 0.3259, 0.3408

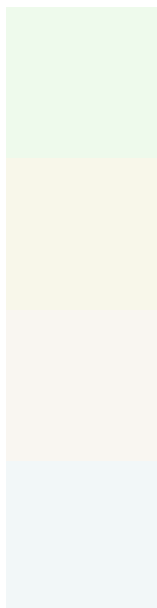
Deuteranopia

92.4930, 0.3199, 0.3290

Tritanopia

92.5440, 0.3068, 0.3202

Trichromacy



Original Color

92.6045, 0.3133, 0.3430

Protanomaly

92.4185, 0.3212, 0.3419

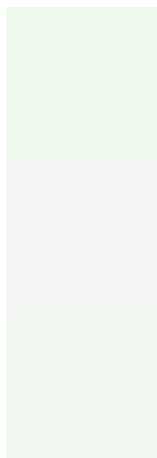
Deuteranomaly

92.4021, 0.3176, 0.3339

Tritanomaly

92.1761, 0.3090, 0.3280

Monochromacy



Original Color

92.6045, 0.3133, 0.3430

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8096, 0.3125, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6045, 0.3133, 0.3430 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(238, 250, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 250, 236) }
```

Border

The CSS property to change the border of an element to Yxy 92.6045, 0.3133, 0.3430 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, 236) }
```

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

```
.border{ border-color:rgb(238, 250, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 250, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 250, 236);  
box-shadow:4px 4px 4px 4px rgb(238, 250,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6045, 0.3133, 0.3430 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, 236) }
```

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

```
.background{ background-color: rgb(238,  
250, 236) }
```

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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