

Converting Colors

Yxy(50.6473, 0.4212, 0.3924)

Have a look what the booklet for
Yxy(50.6473, 0.4212, 0.3924)
contains.

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Color

Yxy(50.7094, 0.4211, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	EFB076
RGB	239, 176, 118
RGB Percent	94%, 69%, 46%
CMY	0.0628, 0.3098, 0.5372
CMYK	0.00, 0.26, 0.51, 0.06
HSL	29°, 79%, 70%
HSV	29°, 51%, 94%
XYZ	54.3905, 50.7094, 24.0631
YIQ	188.2250, 56.1660, -4.6820

Conversions

Conversions Part 2

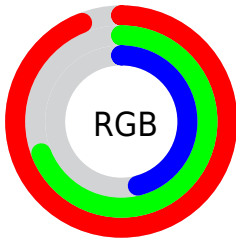
Format	Color
R_{YB}	239, 229, 118
Decimal	15708278
CIE _{Lab}	76.50, 16.39, 38.57
CIE _{LCh}	77, 41.908, 66.972
Yxy	50.7094, 0.4211, 0.3926
Android (android.graphics.Color)	4293898358 (0xFFEFB076)
YUV	188.2250, -34.6209, 44.5297
Hunter-Lab	71.2105, 11.7197, 29.8124

Details

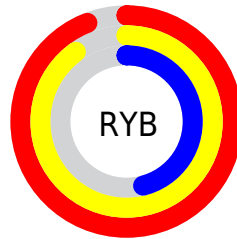
The Yxy color **50.7094, 0.4211, 0.3926** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.1286, 0.2320, 0.2528**, and the grayscale version is **50.6023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9135, 0.3695, 0.3908**, and **24.2866, 0.4494, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **45.5558, 0.4493, 0.4028**, and if you desaturate by 10%, it is **56.4591, 0.3946, 0.3805**.

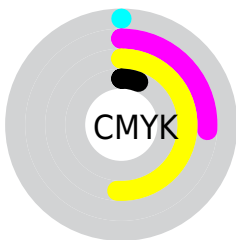
Distribution



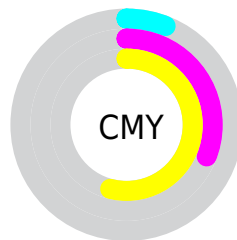
- Red (94%)
- Green (69%)
- Blue (46%)



- Red (94%)
- Yellow (90%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7094, 0.4211, 0.3926 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 50.7094, 0.4211, 0.3926 by changing the saturation by 10% instead.


 50.7094, 0.4211,
0.3926

 50.7094, 0.4211,
0.3926


389.4337, 0.3681,
0.3641


 35.9774, 0.4336,
0.3985


 91.2251, 0.4023,
0.3831

 24.4167, 0.4490,
0.4052


 117.7775, 0.3951,
0.3793

 15.6430, 0.4683,
0.4127


 149.0389, 0.3890,
0.3760

 9.2719, 0.4930,
0.4205

185.3936, 0.3837,
0.3730

 4.9190, 0.5274,
0.4291

227.2261, 0.3790,
0.3704

 2.1998, 0.5698,
0.4302

274.9206, 0.3750,

 0.7199, 0.6063,

0.3681

0.3937

328.8617, 0.3714,
0.3660

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7094, 0.4211,
0.3926

50.7094, 0.4211,
0.3926

45.5558, 0.4493,
0.4028

56.4591, 0.3946,
0.3805

40.9678, 0.4780,
0.4098


62.8189, 0.3705,
0.3676


36.9228, 0.5056,
0.4123


69.8114, 0.3490,
0.3545


33.3925, 0.5300,
0.4094

77.4557, 0.3301,
0.3418

 30.5139, 0.5492,
0.4021

 85.7698, 0.3137,
0.3297

 94.3518, 0.3030,
0.3247

 97.0894, 0.3029,
0.3290

Harmonies

Analogous

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



50.7094, 0.4232, 0.3496



50.7094, 0.4211, 0.3926



50.7094, 0.3885, 0.4248

Triad

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



50.7094, 0.4211, 0.3926



50.7094, 0.2372, 0.3473



50.7094, 0.2806, 0.2456

Complementary

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



50.7094, 0.4211, 0.3926



43.1286, 0.2320, 0.2528

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.



50.7094, 0.2368, 0.2398



50.7094, 0.4211, 0.3926



50.7094, 0.2135, 0.2923

Square

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



50.7094, 0.4211, 0.3926



50.7094, 0.2817, 0.4021



50.7094, 0.2136, 0.2549



50.7094, 0.3376, 0.2692

Rectangle

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



50.7094, 0.4211, 0.3926



50.7094, 0.3554, 0.4329



50.7094, 0.2136, 0.2549



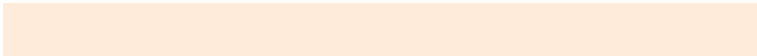
50.7094, 0.2640, 0.2416

Sweetspot

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



50.7119, 0.4211, 0.3926



85.7233, 0.3382, 0.3473



34.7080, 0.3778, 0.2593



17.9490, 0.3422, 0.3500



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.



50.7119, 0.4211, 0.3926



52.4497, 0.4510, 0.4033



79.0513, 0.3887, 0.4481



17.0092, 0.3281, 0.3403



17.1235, 0.5467, 0.4041



1.6227, 0.5255, 0.4209

Inverse Universe

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



43.1286, 0.2320, 0.2528



42.7140, 0.2165, 0.2332



24.0132, 0.2164, 0.1731



16.5903, 0.2980, 0.3174



11.7336, 0.1791, 0.1648



1.1753, 0.1855, 0.1879

Previews

White Background



This preview shows how the Yxy color 50.7094, 0.4211, 0.3926 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 50.7094, 0.4211, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

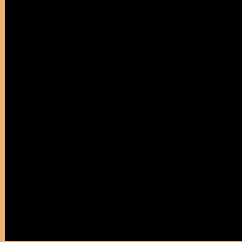
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7094, 0.4211, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 50.7094, 0.4211, 0.3926.



This preview shows how white text looks on a background with the Yxy color 50.7094, 0.4211, 0.3926.

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

50.7094, 0.4211, 0.3926

Protanopia

50.8044, 0.3792, 0.4103

Deuteranopia

50.9901, 0.4099, 0.4016



Tritanopia

50.5746, 0.3715, 0.3150

Trichromacy



Original Color

50.7094, 0.4211, 0.3926

Protanomaly

50.4132, 0.3941, 0.4038

Deuteranomaly

50.8482, 0.4147, 0.3984

Tritanomaly

50.4717, 0.3904, 0.3436

Monochromacy



Original Color

50.7094, 0.4211, 0.3926

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1907, 0.3499, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7094, 0.4211, 0.3926 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(239, 176, 118)` looks like.

```
.text, #text, p{  
    color:rgb(239, 176, 118)  
}
```

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(239, 176, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 176, 118) }
```

Border

The CSS property to change the border of an element to Yxy 50.7094, 0.4211, 0.3926 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(239, 176, 118) }
```

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

```
.border{ border-color:rgb(239, 176, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 176, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 176, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 176, 118);  
box-shadow:4px 4px 4px 4px rgb(239, 176,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7094, 0.4211, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 176, 118) }
```

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

```
.background{ background-color: rgb(239,  
176, 118) }
```

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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