

Converting Colors

$Y_{xy}(50.5696, 0.4046, 0.3895)$

Have a look what the booklet for
Yxy(50.5696, 0.4046, 0.3895)
contains.

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Color

Yxy(50.5696, 0.4046, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	E6B37E
RGB	230, 179, 126
RGB Percent	90%, 70%, 49%
CMY	0.0979, 0.2981, 0.5059
CMYK	0.00, 0.22, 0.45, 0.10
HSL	31°, 68%, 70%
HSV	31°, 45%, 90%
XYZ	52.5301, 50.5696, 26.7324
YIQ	188.2070, 47.4090, -5.6710

Conversions

Conversions Part 2

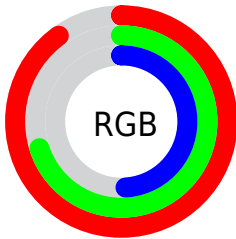
Format	Color
R_{YB}	226, 230, 126
Decimal	15119230
CIE _{Lab}	76.42, 11.97, 34.11
CIE _{LCh}	76, 36.147, 70.658
Yxy	50.5696, 0.4046, 0.3895
Android (android.graphics.Color)	4293309310 (0xFFE6B37E)
YUV	188.2070, -30.6681, 36.6525
Hunter-Lab	71.1123, 7.4099, 27.4904

Details

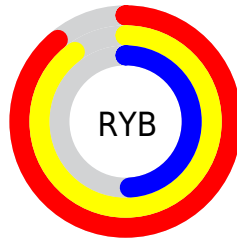
The Yxy color **50.5696, 0.4046, 0.3895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6212, 0.2397, 0.2583**, and the grayscale version is **50.5738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9313, 0.3633, 0.3855**, and **24.2142, 0.4286, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **45.7035, 0.4309, 0.4016**, and if you desaturate by 10%, it is **55.9476, 0.3801, 0.3761**.

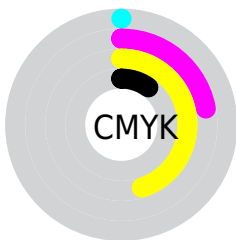
Distribution



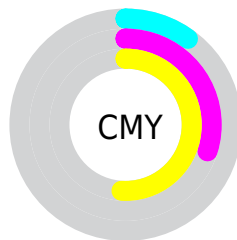
- Red (90%)
- Green (70%)
- Blue (49%)



- Red (89%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5696, 0.4046, 0.3895 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 50.5696, 0.4046, 0.3895 by changing the saturation by 10% instead.


 50.5696, 0.4046,
0.3895


 50.5696, 0.4046,
0.3895


388.8893, 0.3595,
0.3615


 35.8662, 0.4153,
0.3956


 91.0183, 0.3886,
0.3800

 24.3309, 0.4287,
0.4029


 117.5323, 0.3824,
0.3762

 15.5792, 0.4457,
0.4115


 148.7520, 0.3772,
0.3729

 9.2269, 0.4677,
0.4215

185.0617, 0.3727,
0.3700

 4.8895, 0.4970,
0.4323

226.8460, 0.3688,
0.3675

 2.1826, 0.5488,
0.4512

274.4890, 0.3653,

 0.7105, 0.5782,

0.3653

0.4218

328.3753, 0.3623,
0.3633

0.0000, 0.0000,
0.0000

50.5696, 0.4046,
0.3895

50.5696, 0.4046,
0.3895

45.7035, 0.4309,
0.4016

55.9476, 0.3801,
0.3761

41.3237, 0.4582,
0.4111

61.8474, 0.3580,
0.3623

37.4128, 0.4851,
0.4169

68.2875, 0.3383,
0.3486

33.9488, 0.5099,
0.4177

75.2831, 0.3209,
0.3355

30.9065, 0.5310,
0.4130

82.8490, 0.3057,
0.3232

■ 29.5878, 0.5400,
0.4094

■ 90.4036, 0.2975,
0.3207

■ 95.5704, 0.2976,
0.3290

Harmonies

Analogous

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



50.5696, 0.4095, 0.3528



50.5696, 0.4046, 0.3895



50.5696, 0.3742, 0.4142

Triad

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



50.5696, 0.4046, 0.3895



50.5696, 0.2435, 0.3390



50.5696, 0.2908, 0.2576

Complementary

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



50.5696, 0.4046, 0.3895



41.6212, 0.2397, 0.2583

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.



50.5696, 0.2504, 0.2506



50.5696, 0.4046, 0.3895



50.5696, 0.2248, 0.2929

Square

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



50.5696, 0.4046, 0.3895



50.5696, 0.2808, 0.3864



50.5696, 0.2273, 0.2621



50.5696, 0.3407, 0.2802

Rectangle

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



50.5696, 0.4046, 0.3895



50.5696, 0.3447, 0.4180



50.5696, 0.2273, 0.2621



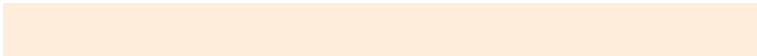
50.5696, 0.2758, 0.2533

Sweetspot

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



50.5720, 0.4046, 0.3895



87.2370, 0.3362, 0.3471



34.9691, 0.3719, 0.2701



18.2781, 0.3402, 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.



50.5720, 0.4046, 0.3895



58.2719, 0.4284, 0.4005



74.9554, 0.3797, 0.4397



15.5753, 0.3280, 0.3410



16.9894, 0.5376, 0.4113



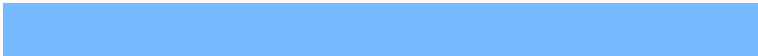
1.4413, 0.5157, 0.4287

Inverse Universe

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



41.6212, 0.2397, 0.2583



45.6692, 0.2255, 0.2409



25.0751, 0.2273, 0.1877



15.0492, 0.2981, 0.3167



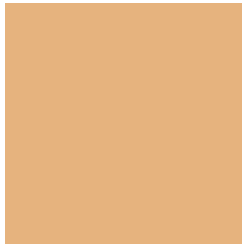
10.1484, 0.1764, 0.1551



0.9355, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 50.5696, 0.4046, 0.3895 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 50.5696, 0.4046, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

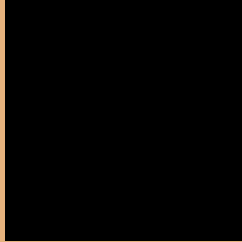
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5696, 0.4046, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 50.5696, 0.4046, 0.3895.



This preview shows how white text looks on a background with the Yxy color 50.5696, 0.4046, 0.3895.

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

50.5696, 0.4046, 0.3895

Protanopia

50.8443, 0.3728, 0.4022

Deuteranopia

50.7229, 0.3998, 0.3926



Tritanopia

50.4615, 0.3598, 0.3135

Trichromacy



Original Color

50.5696, 0.4046, 0.3895

Protanomaly

50.4290, 0.3835, 0.3967

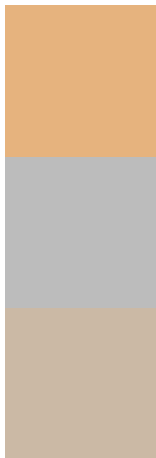
Deuteranomaly

50.4798, 0.4013, 0.3913

Tritanomaly

50.4449, 0.3765, 0.3405

Monochromacy



Original Color

50.5696, 0.4046, 0.3895

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1110, 0.3445, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5696, 0.4046, 0.3895 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(230, 179, 126)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 126)  
}
```

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(230, 179, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 126) }
```

Border

The CSS property to change the border of an element to Yxy 50.5696, 0.4046, 0.3895 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(230, 179, 126) }
```

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

```
.border{ border-color:rgb(230, 179, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 126);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5696, 0.4046, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 126) }
```

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

```
.background{ background-color: rgb(230,  
179, 126) }
```

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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