

Converting Colors

$Yxy(64.0752, 0.4095, 0.4494)$

Have a look what the booklet for
Yxy(64.0752, 0.4095, 0.4494)
contains.

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Color

Yxy(64.0752, 0.4095, 0.4494)

Conversions

Conversions Part 1

Format	Color
Hex	E8D25F
RGB	232, 210, 95
RGB Percent	91%, 82%, 37%
CMY	0.0903, 0.1764, 0.6274
CMYK	0.00, 0.09, 0.59, 0.09
HSL	50°, 75%, 64%
HSV	50°, 59%, 91%
XYZ	58.3863, 64.0752, 20.1180
YIQ	203.4680, 50.0270, -31.1010

Conversions

Conversions Part 2

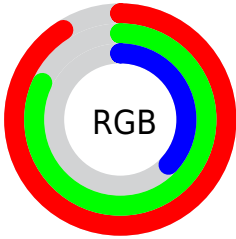
Format	Color
RYB	121, 232, 95
Decimal	15258207
CIELab	84.00, -6.02, 58.51
CIELCh	84, 58.818, 95.872
Yxy	64.0752, 0.4095, 0.4494
Android (android.graphics.Color)	4293448287 (0xFFE8D25F)
YUV	203.4680, -53.4747, 25.0226
Hunter-Lab	80.0470, -9.8843, 41.1317

Details

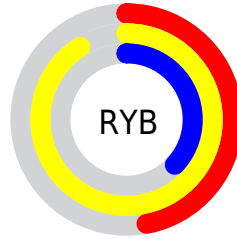
The Yxy color **64.0752, 0.4095, 0.4494** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **20.9751, 0.2041, 0.1669**, and the grayscale version is **60.3510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9499, 0.3750, 0.4320**, and **32.8144, 0.4270, 0.4748** is the 20% darker color. If you saturate the color by 10%, you get **61.9013, 0.4237, 0.4635**, and if you desaturate by 10%, it is **66.4235, 0.3936, 0.4319**.

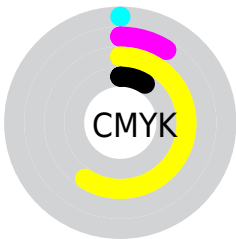
Distribution



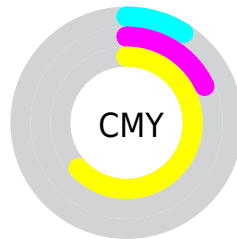
- Red (91%)
- Green (82%)
- Blue (37%)



- Red (47%)
- Yellow (91%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (9%)




- Cyan (9%)
- Magenta (18%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0752, 0.4095, 0.4494 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 64.0752, 0.4095, 0.4494 by changing the saturation by 10% instead.

 64.0752, 0.4095,
0.4494


 64.0752, 0.4095,
0.4494


439.4611, 0.3670,
0.3948

 46.7116, 0.4179,
0.4608


 110.7192, 0.3957,
0.4311

 32.8077, 0.4274,
0.4741


 140.7684, 0.3900,
0.4238

 21.9792, 0.4378,
0.4893


 175.8150, 0.3850,
0.4174

 13.8416, 0.4484,
0.5063

 216.2432, 0.3805,
0.4118

 8.0106, 0.4659,
0.5336

262.4375, 0.3766,
0.4068

 4.1017, 0.4607,
0.5393

314.7824, 0.3731,

 1.7306, 0.4517,

0.4023

0.5483

373.6621, 0.3699,
0.3984

0.4434, 0.3824,
0.6176

0.0000, 0.0000,
0.0000

64.0752, 0.4095,
0.4494

64.0752, 0.4095,
0.4494

61.9013, 0.4237,
0.4635

66.4235, 0.3936,
0.4319

59.8808, 0.4355,
0.4735


68.9474, 0.3767,
0.4120

58.0029, 0.4444,
0.4788

71.6593, 0.3596,
0.3908

56.2462, 0.4507,
0.4799

74.5680, 0.3427,
0.3691

 56.0821, 0.4513,
0.4799

 77.6811, 0.3265,
0.3477

 81.0063, 0.3113,
0.3271

 84.3954, 0.2986,
0.3099

 86.5608, 0.2987,
0.3137

 88.7712, 0.2987,
0.3175

Harmonies

Analogous

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



64.0752, 0.4521, 0.4042



64.0752, 0.4095, 0.4494



64.0752, 0.3439, 0.4645

Triad

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



64.0752, 0.4095, 0.4494



64.0752, 0.1884, 0.2817



64.0752, 0.3411, 0.2524

Complementary

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



64.0752, 0.4095, 0.4494



20.9751, 0.2041, 0.1669

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.



64.0752, 0.2683, 0.2241



64.0752, 0.4095, 0.4494



64.0752, 0.1880, 0.2350

Square

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



64.0752, 0.4095, 0.4494



64.0752, 0.2175, 0.3546



64.0752, 0.2151, 0.2171



64.0752, 0.4130, 0.2966

Rectangle

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



64.0752, 0.4095, 0.4494



64.0752, 0.2963, 0.4466



64.0752, 0.2151, 0.2171



64.0752, 0.3156, 0.2409

Sweetspot

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



64.0782, 0.4095, 0.4494



92.7812, 0.3411, 0.3671



26.6423, 0.4650, 0.3050



19.6263, 0.3460, 0.3734



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.



64.0782, 0.4095, 0.4494



76.1267, 0.4266, 0.4662



69.0078, 0.3616, 0.4870



16.4028, 0.3271, 0.3486



31.2963, 0.4507, 0.4804



2.4186, 0.4453, 0.4846

Inverse Universe

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



20.9751, 0.2041, 0.1669



18.3716, 0.1825, 0.1304



19.6442, 0.2315, 0.1537



14.2586, 0.2980, 0.3086



4.0950, 0.1539, 0.0740



0.4166, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 64.0752, 0.4095, 0.4494 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 64.0752, 0.4095, 0.4494 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 64.0752, 0.4095, 0.4494

Background



This preview shows how black text looks on a background with the Yxy color 64.0752, 0.4095, 0.4494.



This preview shows how white text looks on a background with the Yxy color 64.0752, 0.4095, 0.4494.

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

64.0752, 0.4095, 0.4494

Protanopia

64.2430, 0.4103, 0.4490

Deuteranopia

63.7608, 0.4236, 0.4163



Tritanopia

63.7913, 0.3373, 0.3122

Trichromacy



Original Color

64.0752, 0.4095, 0.4494

Protanomaly

64.2430, 0.4103, 0.4490

Deuteranomaly

64.0005, 0.4191, 0.4288

Tritanomaly

63.4941, 0.3669, 0.3641

Monochromacy



Original Color

64.0752, 0.4095, 0.4494

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

61.1191, 0.3497, 0.3783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0752, 0.4095, 0.4494 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(232, 210, 95)` looks like.

```
.text, #text, p{  
    color:rgb(232, 210, 95)  
}
```

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(232, 210, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 210, 95) }
```

Border

The CSS property to change the border of an element to Yxy 64.0752, 0.4095, 0.4494 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(232, 210, 95) }
```

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

```
.border{ border-color:rgb(232, 210, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 210, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 210, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 210, 95);  
box-shadow:4px 4px 4px 4px rgb(232, 210,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0752, 0.4095, 0.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 210, 95) }
```

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

```
.background{ background-color: rgb(232,  
210, 95) }
```

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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