

Converting Colors

Yxy(64.1626, 0.4554, 0.4766)

Have a look what the booklet for
Yxy(64.1626, 0.4554, 0.4766)
contains.

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Color

Yxy(63.9866, 0.4559, 0.4762)

Conversions

Conversions Part 1

Format	Color
Hex	FACD00
RGB	250, 205, 0
RGB Percent	98%, 80%, 0%
CMY	0.0196, 0.1961, 0.9997
CMYK	0.00, 0.18, 1.00, 0.02
HSL	49°, 100%, 49%
HSV	49°, 100%, 98%
XYZ	61.2589, 63.9866, 9.1237
YIQ	195.0850, 92.6250, -54.2150

Conversions

Conversions Part 2

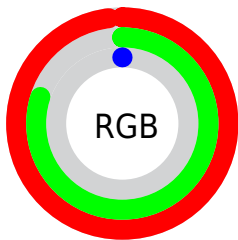
Format	Color
RYB	55, 250, 0
Decimal	16436480
CIELab	83.96, 1.04, 84.82
CIElCh	84, 84.831, 89.297
Yxy	63.9866, 0.4559, 0.4762
Android (android.graphics.Color)	4294626560 (0xFFFACD00)
YUV	195.0850, -96.1769, 48.1605
Hunter-Lab	79.9916, -3.2871, 49.2317

Details

The Yxy color **63.9866, 0.4559, 0.4762** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **8.7872, 0.1540, 0.0744**, and the grayscale version is **55.1782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **32.8246, 0.4590, 0.4737** is the 20% darker color. If you saturate the color by 10%, you get **63.9822, 0.4559, 0.4762**, and if you desaturate by 10%, it is **66.2453, 0.4492, 0.4759**.

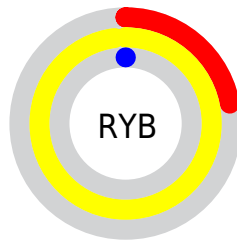
Distribution



Red (98%)

Green (80%)

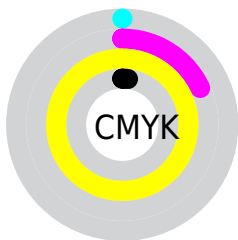
Blue (0%)



Red (22%)

Yellow (98%)

Blue (0%)

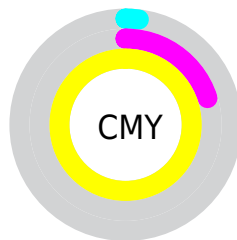


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9866, 0.4559, 0.4762 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 63.9866, 0.4559, 0.4762 by changing the saturation by 10% instead.


 63.9866, 0.4559,
0.4762


 63.9866, 0.4559,
0.4762


439.1412, 0.3980,
0.4172


 46.6398, 0.4652,
0.4856


 110.5916, 0.4387,
0.4588

 32.7510, 0.4745,
0.4948


 140.6187, 0.4311,
0.4510


 21.9358, 0.4834,
0.5034


 175.6413, 0.4242,
0.4440

 13.8097, 0.4903,
0.5097

 216.0438, 0.4179,
0.4376

 7.9884, 0.4909,
0.5091

 262.2107, 0.4122,
0.4317

 4.0876, 0.4918,
0.5082

 314.5263, 0.4070,

 1.7227, 0.4933,

0.4264

0.5067

373.3750, 0.4023,
0.4216

■ 0.4383, 0.5021,
0.4979

■ 0.0000, 0.0000,
0.0000

■ 63.9866, 0.4559,
0.4762

■ 63.9866, 0.4559,
0.4762

■ 63.9822, 0.4559,
0.4762

■ 66.2453, 0.4492,
0.4759

■ 68.6535, 0.4399,
0.4715

■ 71.2424, 0.4277,
0.4623

■ 74.0292, 0.4130,
0.4489

■ 77.0286, 0.3967,
0.4319

■ 80.2532, 0.3793,
0.4125

■ 83.7146, 0.3618,
0.3917

■ 87.4234, 0.3445,
0.3704

■ 91.3892, 0.3281,
0.3493

Harmonies

Analogous

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



63.9866, 0.5117, 0.4039



63.9866, 0.4559, 0.4762



63.9866, 0.3684, 0.5253

Triad

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



63.9866, 0.4559, 0.4762



63.9866, 0.1492, 0.2762



63.9866, 0.3266, 0.2149

Complementary

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



63.9866, 0.4559, 0.4762



8.7872, 0.1540, 0.0744

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.



63.9866, 0.2306, 0.1841



63.9866, 0.4559, 0.4762



63.9866, 0.1432, 0.2070

Square

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



63.9866, 0.4559, 0.4762



63.9866, 0.1922, 0.3904



63.9866, 0.1697, 0.1798



63.9866, 0.4359, 0.2675

Rectangle

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



63.9866, 0.4559, 0.4762



63.9866, 0.3038, 0.5192



63.9866, 0.1697, 0.1798



63.9866, 0.2913, 0.2019

Sweetspot

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



63.9897, 0.4559, 0.4762



87.5374, 0.3619, 0.3918



20.5243, 0.6153, 0.3164



18.4031, 0.3693, 0.4007



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.



63.9897, 0.4559, 0.4762



66.8992, 0.4560, 0.4762



77.0209, 0.3636, 0.5495



19.6278, 0.3273, 0.3483



34.1293, 0.4552, 0.4768



3.2950, 0.4501, 0.4808

Inverse Universe

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



8.7872, 0.1540, 0.0744



9.1679, 0.1540, 0.0742



8.5767, 0.1707, 0.0714



17.1484, 0.2979, 0.3089



4.8042, 0.1546, 0.0764



0.5789, 0.1599, 0.0957

Previews

White Background



This preview shows how the Yxy color 63.9866, 0.4559, 0.4762 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 63.9866, 0.4559, 0.4762 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 63.9866, 0.4559, 0.4762

Background



This preview shows how black text looks on a background with the Yxy color 63.9866, 0.4559, 0.4762.



This preview shows how white text looks on a background with the Yxy color 63.9866, 0.4559, 0.4762.

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

63.9866, 0.4559, 0.4762

Protanopia

63.9480, 0.4396, 0.4873

Deuteranopia

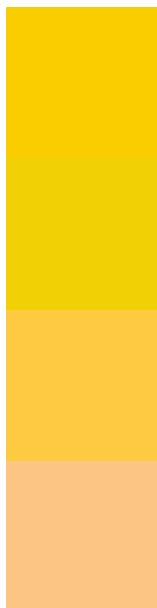
63.9926, 0.4301, 0.4265



Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy



Original Color

63.9866, 0.4559, 0.4762

Protanomaly

63.8257, 0.4457, 0.4832

Deuteranomaly

63.5054, 0.4469, 0.4535

Tritanomaly

62.4538, 0.4109, 0.3974

Monochromacy



Original Color

63.9866, 0.4559, 0.4762

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.7492, 0.3827, 0.4169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9866, 0.4559, 0.4762 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(250, 205, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 0)  
}
```

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(250, 205, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 0) }
```

Border

The CSS property to change the border of an element to Yxy 63.9866, 0.4559, 0.4762 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(250, 205, 0) }
```

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

```
.border{ border-color:rgb(250, 205, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 205, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9866, 0.4559, 0.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 0) }
```

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

```
.background{ background-color: rgb(250,  
205, 0) }
```

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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