

Converting Colors

Yxy(50.7044, 0.4487, 0.5105)

Have a look what the booklet for
Yxy(50.7044, 0.4487, 0.5105)
contains.

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Color

Yxy(50.9632, 0.4363, 0.4918)

Conversions

Conversions Part 1

Format	Color
Hex	D2BF00
RGB	210, 191, 0
RGB Percent	82%, 75%, 0%
CMY	0.1764, 0.2510, 1.0000
CMYK	0.00, 0.09, 1.00, 0.18
HSL	55°, 100%, 41%
HSV	55°, 100%, 82%
XYZ	45.2120, 50.9632, 7.4507
YIQ	174.9070, 72.6350, -55.3730

Conversions

Conversions Part 2

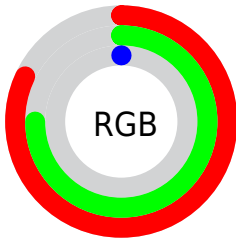
Format	Color
R _Y B	21, 210, 0
Decimal	13811456
CIE Lab	76.66, -9.07, 77.95
CIE LCh	77, 78.475, 96.640
Yxy	50.9632, 0.4363, 0.4918
Android (android.graphics.Color)	4292001536 (0xFFD2BF00)
YUV	174.9070, -86.2292, 30.7766
Hunter-Lab	71.3885, -11.8818, 43.7840

Details

The Yxy color **50.9632, 0.4363, 0.4918** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed orange. A complement of this color would be **5.1201, 0.1515, 0.0654**, and the grayscale version is **43.2483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3907, 0.4099, 0.4766**, and **24.7563, 0.4350, 0.4928** is the 20% darker color. If you saturate the color by 10%, you get **50.9658, 0.4363, 0.4918**, and if you desaturate by 10%, it is **51.8547, 0.4321, 0.4895**.

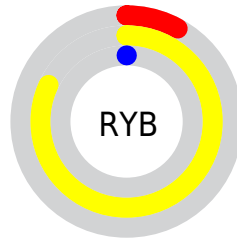
Distribution



Red (82%)

Green (75%)

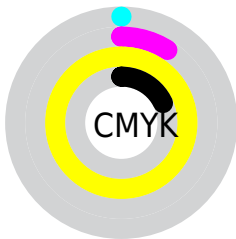
Blue (0%)



Red (8%)

Yellow (82%)

Blue (0%)

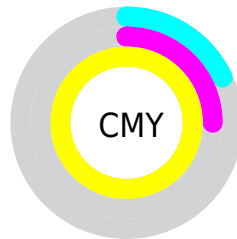


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9632, 0.4363, 0.4918 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 50.9632, 0.4363, 0.4918 by changing the saturation by 10% instead.


 50.9632, 0.4363,
0.4918

 50.9632, 0.4363,
0.4918


390.4208, 0.3854,
0.4198

 36.1793, 0.4441,
0.5048

 91.6004, 0.4213,
0.4691


 24.5727, 0.4511,
0.5184


 118.2225, 0.4146,
0.4595


 15.7590, 0.4590,
0.5351


 149.5594, 0.4085,
0.4509

 9.3538, 0.4568,
0.5432

 185.9956, 0.4029,
0.4433

 4.9727, 0.4495,
0.5505

 227.9154, 0.3979,
0.4364

 2.2312, 0.4377,
0.5623

 275.7033, 0.3933,

 0.7369, 0.3939,

0.4303

0.6061

329.7436, 0.3892,
0.4248

■ 0.0000, 0.0000,
0.0000

■ 50.9632, 0.4363,
0.4918

■ 50.9632, 0.4363,
0.4918

■ 50.9658, 0.4363,
0.4918

■ 51.8547, 0.4321,
0.4895

■ 52.8133, 0.4255,
0.4835

■ 53.8615, 0.4162,
0.4731

■ 55.0100, 0.4044,
0.4585

■ 56.2682, 0.3906,
0.4404

■ 57.6439, 0.3754,
0.4197

■ 59.1444, 0.3595,
0.3973

■ 60.7763, 0.3435,
0.3743

■ 62.5457, 0.3277,
0.3513

Harmonies

Analogous

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



50.9632, 0.5021, 0.4218



50.9632, 0.4363, 0.4918



50.9632, 0.3448, 0.5275

Triad

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



50.9632, 0.4363, 0.4918



50.9632, 0.1448, 0.2549



50.9632, 0.3536, 0.2262

Complementary

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



50.9632, 0.4363, 0.4918



5.1201, 0.1515, 0.0654

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.



50.9632, 0.2512, 0.1895



50.9632, 0.4363, 0.4918



50.9632, 0.1469, 0.1972

Square

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



50.9632, 0.4363, 0.4918



50.9632, 0.1782, 0.3596



50.9632, 0.1814, 0.1785



50.9632, 0.4589, 0.2828

Rectangle

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



50.9632, 0.4363, 0.4918



50.9632, 0.2806, 0.5054



50.9632, 0.1814, 0.1785



50.9632, 0.3170, 0.2114

Sweetspot

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



50.9658, 0.4363, 0.4918



91.6747, 0.3600, 0.3981



13.7580, 0.6297, 0.3242



19.4051, 0.3669, 0.4077



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.



50.9658, 0.4363, 0.4918



78.9243, 0.4365, 0.4916



50.5369, 0.3506, 0.5598



13.6069, 0.3268, 0.3499



31.1608, 0.4360, 0.4920



1.7971, 0.4326, 0.4947

Inverse Universe

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



5.1201, 0.1515, 0.0654



7.8363, 0.1513, 0.0646



6.5390, 0.1836, 0.0785



11.5873, 0.2982, 0.3072



3.1867, 0.1518, 0.0666



0.2389, 0.1572, 0.0860

Previews

White Background



This preview shows how the Yxy color 50.9632, 0.4363, 0.4918 looks on a white background.

Color Contrast Check

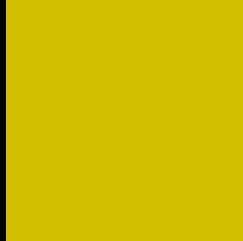
Large Text (above 18pt) WCAG AA × Fail

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 50.9632, 0.4363, 0.4918 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 50.9632, 0.4363, 0.4918

Background



This preview shows how black text looks on a background with the Yxy color 50.9632, 0.4363, 0.4918.

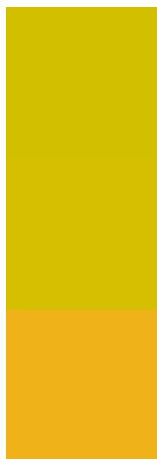


This preview shows how white text looks on a background with the Yxy color 50.9632, 0.4363, 0.4918.

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

50.9632, 0.4363, 0.4918

Protanopia

51.1231, 0.4407, 0.4883

Deuteranopia

50.6611, 0.4695, 0.4584



Tritanopia

50.9745, 0.3397, 0.3140

Trichromacy



Original Color

50.9632, 0.4363, 0.4918

Protanomaly

50.9730, 0.4399, 0.4890

Deuteranomaly

50.3984, 0.4579, 0.4708

Tritanomaly

50.0238, 0.3939, 0.4016

Monochromacy



Original Color

50.9632, 0.4363, 0.4918

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.8868, 0.3765, 0.4211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9632, 0.4363, 0.4918 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(210, 191, 0)` looks like.

```
.text, #text, p{  
  color:rgb(210, 191, 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(210, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 0) }
```

Border

The CSS property to change the border of an element to Yxy 50.9632, 0.4363, 0.4918 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(210, 191, 0) }
```

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

```
.border{ border-color:rgb(210, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9632, 0.4363, 0.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 0) }
```

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

```
.background{ background-color: rgb(210,  
191, 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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