

Converting Colors

$Yxy(50.3982, 0.4220, 0.4416)$

Have a look what the booklet for
Yxy(50.3982, 0.4220, 0.4416)
contains.

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Color

Yxy(50.3981, 0.4220, 0.4416)

Conversions

Conversions Part 1

Format	Color
Hex	DBB954
RGB	219, 185, 84
RGB Percent	86%, 73%, 33%
CMY	0.1412, 0.2745, 0.6708
CMYK	0.00, 0.16, 0.62, 0.14
HSL	45°, 65%, 59%
HSV	45°, 62%, 86%
XYZ	48.1612, 50.3981, 15.5668
YIQ	183.6520, 52.6850, -24.2030

Conversions

Conversions Part 2

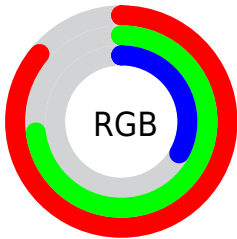
Format	Color
RYB	129, 219, 84
Decimal	14399828
CIELab	76.31, 0.72, 54.58
CIELCh	76, 54.586, 89.248
Yxy	50.3981, 0.4220, 0.4416
Android (android.graphics.Color)	4292589908 (0xFFDDBB954)
YUV	183.6520, -49.1284, 31.0002
Hunter-Lab	70.9916, -3.1396, 36.6932

Details

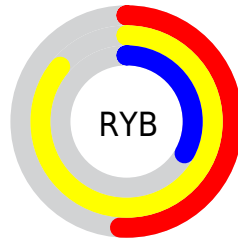
The Yxy color **50.3981, 0.4220, 0.4416** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **19.9414, 0.2036, 0.1772**, and the grayscale version is **47.9839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9767, 0.3873, 0.4312**, and **24.1733, 0.4456, 0.4646** is the 20% darker color. If you saturate the color by 10%, you get **47.8475, 0.4389, 0.4535**, and if you desaturate by 10%, it is **53.1502, 0.4037, 0.4263**.

Distribution



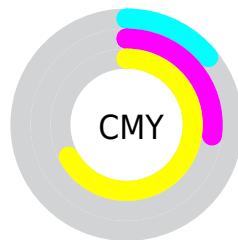
- Red (86%)
- Green (73%)
- Blue (33%)



- Red (51%)
- Yellow (86%)
- Blue (33%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3981, 0.4220, 0.4416 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 50.3981, 0.4220, 0.4416 by changing the saturation by 10% instead.

 50.3981, 0.4220,
0.4416


 50.3981, 0.4220,
0.4416


388.2207, 0.3712,
0.3895


 35.7298, 0.4327,
0.4525


 90.7644, 0.4049,
0.4241

 24.2256, 0.4450,
0.4650


 117.2313, 0.3980,
0.4171

 15.5011, 0.4589,
0.4790


 148.3998, 0.3921,
0.4109

 9.1718, 0.4749,
0.4949

 184.6543, 0.3868,
0.4056

 4.8534, 0.4902,
0.5098

 226.3793, 0.3822,
0.4008

 2.1615, 0.4912,
0.5088

273.9591, 0.3781,

 0.6989, 0.4938,

0.3966

0.5062

327.7781, 0.3745,
0.3929

0.0000, 0.0000,
0.0000

50.3981, 0.4220,
0.4416

50.3981, 0.4220,
0.4416

47.8475, 0.4389,
0.4535

53.1502, 0.4037,
0.4263

45.4797, 0.4534,
0.4610

56.1066, 0.3848,
0.4086

43.2837, 0.4651,
0.4637

59.2788, 0.3660,
0.3895

41.5665, 0.4728,
0.4628

62.6750, 0.3479,
0.3699

66.3030, 0.3309,
0.3506

■ 70.1701, 0.3152,
0.3320

■ 74.2831, 0.3009,
0.3144

■ 78.3781, 0.2903,
0.3021

■ 81.4792, 0.2905,
0.3079

Harmonies

Analogous

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



50.3981, 0.4574, 0.3926



50.3981, 0.4220, 0.4416



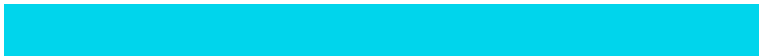
50.3981, 0.3596, 0.4659

Triad

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



50.3981, 0.4220, 0.4416



50.3981, 0.1918, 0.2957



50.3981, 0.3242, 0.2442

Complementary

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



50.3981, 0.4220, 0.4416



19.9414, 0.2036, 0.1772

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.



50.3981, 0.2542, 0.2201



50.3981, 0.4220, 0.4416



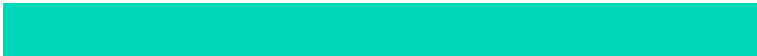
50.3981, 0.1851, 0.2423

Square

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



50.3981, 0.4220, 0.4416



50.3981, 0.2274, 0.3725



50.3981, 0.2063, 0.2182



50.3981, 0.3992, 0.2856

Rectangle

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



50.3981, 0.4220, 0.4416



50.3981, 0.3119, 0.4560



50.3981, 0.2063, 0.2182



50.3981, 0.2991, 0.2339

Sweetspot

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



50.4005, 0.4220, 0.4416



90.2371, 0.3418, 0.3631



22.7488, 0.4540, 0.2888



18.9989, 0.3469, 0.3688



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.



50.4005, 0.4220, 0.4416



66.5263, 0.4435, 0.4562



61.9291, 0.3735, 0.4865



14.6799, 0.3273, 0.3464



24.8296, 0.4718, 0.4636



1.7425, 0.4614, 0.4718

Inverse Universe

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



19.9414, 0.2036, 0.1772



20.3778, 0.1829, 0.1417



15.1243, 0.2159, 0.1414



13.1471, 0.2981, 0.3110



4.8078, 0.1583, 0.0899



0.4487, 0.1671, 0.1215

Previews

White Background



This preview shows how the Yxy color 50.3981, 0.4220, 0.4416 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 50.3981, 0.4220, 0.4416 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 50.3981, 0.4220, 0.4416

Background



This preview shows how black text looks on a background with the Yxy color 50.3981, 0.4220, 0.4416.



This preview shows how white text looks on a background with the Yxy color 50.3981, 0.4220, 0.4416.

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

50.3981, 0.4220, 0.4416

Protanopia

50.6064, 0.4094, 0.4492

Deuteranopia

50.2357, 0.4377, 0.4278



Tritanopia

50.3539, 0.3501, 0.3143

Trichromacy



Original Color

50.3981, 0.4220, 0.4416

Protanomaly

50.7685, 0.4138, 0.4463

Deuteranomaly

50.1976, 0.4324, 0.4328

Tritanomaly

50.0503, 0.3795, 0.3620

Monochromacy



Original Color

50.3981, 0.4220, 0.4416

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2894, 0.3535, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3981, 0.4220, 0.4416 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(219, 185, 84)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 84)  
}
```

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(219, 185, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 84) }
```

Border

The CSS property to change the border of an element to Yxy 50.3981, 0.4220, 0.4416 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(219, 185, 84) }
```

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

```
.border{ border-color:rgb(219, 185, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 185, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 84);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3981, 0.4220, 0.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 84) }
```

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

```
.background{ background-color: rgb(219,  
185, 84) }
```

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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