

Converting Colors

Yxy(52.6669, 0.3958, 0.4283)

Have a look what the booklet for
Yxy(52.6669, 0.3958, 0.4283)
contains.

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Color

Yxy(52.7579, 0.3958, 0.4291)

Conversions

Conversions Part 1

Format	Color
Hex	D4C06B
RGB	212, 192, 107
RGB Percent	83%, 75%, 42%
CMY	0.1685, 0.2471, 0.5804
CMYK	0.00, 0.09, 0.50, 0.17
HSL	49°, 55%, 63%
HSV	49°, 50%, 83%
XYZ	48.6637, 52.7579, 21.5286
YIQ	188.2900, 39.2050, -22.1950

Conversions

Conversions Part 2

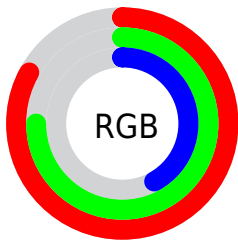
Format	Color
RYB	132, 212, 107
Decimal	13942891
CIELab	77.73, -4.02, 45.09
CIELCh	78, 45.270, 95.092
Yxy	52.7579, 0.3958, 0.4291
Android (android.graphics.Color)	4292132971 (0xFFD4C06B)
YUV	188.2900, -40.0760, 20.7937
Hunter-Lab	72.6346, -7.5194, 33.2710

Details

The Yxy color **52.7579, 0.3958, 0.4291** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.0737, 0.2240, 0.2023**, and the grayscale version is **50.6825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9329, 0.3712, 0.4159**, and **25.7193, 0.4142, 0.4540** is the 20% darker color. If you saturate the color by 10%, you get **50.6145, 0.4124, 0.4460**, and if you desaturate by 10%, it is **55.0646, 0.3783, 0.4099**.

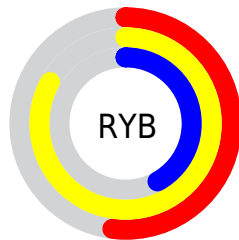
Distribution



Red (83%)

Green (75%)

Blue (42%)



Red (52%)

Yellow (83%)

Blue (42%)

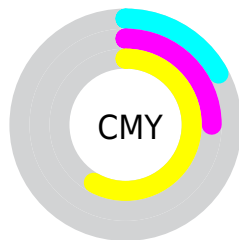


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7579, 0.3958, 0.4291 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 52.7579, 0.3958, 0.4291 by changing the saturation by 10% instead.


 52.7579, 0.3958,
0.4291


 52.7579, 0.3958,
0.4291


397.3556, 0.3569,
0.3812

 37.6095, 0.4043,
0.4399


 94.2480, 0.3825,
0.4125


 25.6798, 0.4145,
0.4530


 121.3586, 0.3772,
0.4060

 16.5842, 0.4264,
0.4689


 153.2253, 0.3727,
0.4004

 9.9385, 0.4401,
0.4880

 190.2326, 0.3687,
0.3955

 5.3582, 0.4625,
0.5191

232.7649, 0.3652,
0.3913

 2.4589, 0.4663,
0.5337

281.2066, 0.3621,

 0.8560, 0.4553,

0.3876

0.5447

335.9420, 0.3593,
0.3842

0.0000, 0.0000,
0.0000

52.7579, 0.3958,
0.4291

52.7579, 0.3958,
0.4291

50.6145, 0.4124,
0.4460

55.0646, 0.3783,
0.4099

48.6184, 0.4275,
0.4596

57.5347, 0.3608,
0.3895

46.7624, 0.4403,
0.4691

60.1780, 0.3436,
0.3686


45.0351, 0.4503,
0.4739


63.0009, 0.3273,
0.3480


43.4173, 0.4577,
0.4745


66.0095, 0.3120,
0.3281

 43.3439, 0.4580,
0.4745

 69.2097, 0.2980,
0.3093

 72.5791, 0.2854,
0.2922

 74.7335, 0.2857,
0.2966

 76.9398, 0.2859,
0.3010

Harmonies

Analogous

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



52.7579, 0.4291, 0.3932



52.7579, 0.3958, 0.4291



52.7579, 0.3418, 0.4392

Triad

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



52.7579, 0.3958, 0.4291



52.7579, 0.2085, 0.2927



52.7579, 0.3351, 0.2637

Complementary

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



52.7579, 0.3958, 0.4291



23.0737, 0.2240, 0.2023

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.



52.7579, 0.2750, 0.2399



52.7579, 0.3958, 0.4291



52.7579, 0.2071, 0.2519

Square

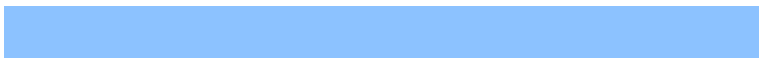
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.7579, 0.3958, 0.4291



52.7579, 0.2348, 0.3523



52.7579, 0.2300, 0.2349



52.7579, 0.3938, 0.3016

Rectangle

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



52.7579, 0.3958, 0.4291



52.7579, 0.3021, 0.4244



52.7579, 0.2300, 0.2349



52.7579, 0.3142, 0.2539

Sweetspot

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



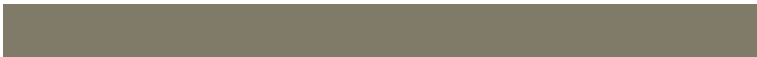
52.7604, 0.3958, 0.4291



93.2067, 0.3363, 0.3595



26.0779, 0.4226, 0.3034



19.7568, 0.3399, 0.3639



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.



52.7604, 0.3958, 0.4291



76.8175, 0.4126, 0.4461



57.9358, 0.3589, 0.4605



14.0982, 0.3271, 0.3477



26.8868, 0.4574, 0.4751



1.7277, 0.4496, 0.4812

Inverse Universe

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



23.0737, 0.2240, 0.2023



27.0443, 0.2048, 0.1718



20.7188, 0.2446, 0.1829



12.3885, 0.2982, 0.3096



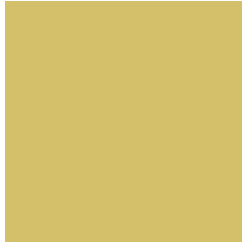
4.0008, 0.1553, 0.0789



0.3566, 0.1638, 0.1098

Previews

White Background



This preview shows how the Yxy color 52.7579, 0.3958, 0.4291 looks on a white background.

Color Contrast Check

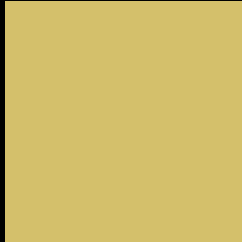
Large Text (above 18pt) WCAG AA × Fail

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 52.7579, 0.3958, 0.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

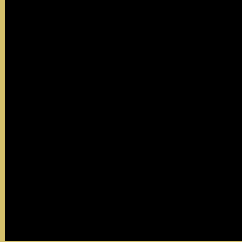
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7579, 0.3958, 0.4291

Background



This preview shows how black text looks on a background with the Yxy color 52.7579, 0.3958, 0.4291.



This preview shows how white text looks on a background with the Yxy color 52.7579, 0.3958, 0.4291.

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

52.7579, 0.3958, 0.4291

Protanopia

52.6097, 0.3949, 0.4295

Deuteranopia

52.4635, 0.4194, 0.4103



Tritanopia

52.8136, 0.3348, 0.3129

Trichromacy



Original Color

52.7579, 0.3958, 0.4291

Protanomaly

52.6097, 0.3949, 0.4295

Deuteranomaly

52.3693, 0.4112, 0.4170

Tritanomaly

52.7036, 0.3584, 0.3552

Monochromacy



Original Color

52.7579, 0.3958, 0.4291

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7687, 0.3432, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7579, 0.3958, 0.4291 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(212, 192, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 107)  
}
```

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(212, 192, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 107) }
```

Border

The CSS property to change the border of an element to Yxy 52.7579, 0.3958, 0.4291 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(212, 192, 107) }
```

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

```
.border{ border-color:rgb(212, 192, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 192, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7579, 0.3958, 0.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 107) }
```

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

```
.background{ background-color: rgb(212,  
192, 107) }
```

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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