

Converting Colors

Yxy(50.7120, 0.4187, 0.4592)

Have a look what the booklet for
Yxy(50.7120, 0.4187, 0.4592)
contains.

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Color

Yxy(50.7120, 0.4187, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	D3BD48
RGB	211, 189, 72
RGB Percent	83%, 74%, 28%
CMY	0.1724, 0.2589, 0.7176
CMYK	0.00, 0.10, 0.66, 0.17
HSL	50°, 61%, 56%
HSV	50°, 66%, 83%
XYZ	46.2394, 50.7120, 13.4842
YIQ	182.2400, 50.6690, -31.7230

Conversions

Conversions Part 2

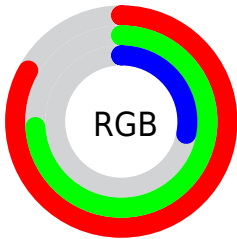
Format	Color
R_{YB}	98, 211, 72
Decimal	13876552
CIE Lab	76.50, -5.48, 59.80
CIE LCh	77, 60.051, 95.238
Yxy	50.7120, 0.4187, 0.4592
Android (android.graphics.Color)	4292066632 (0xFFD3BD48)
YUV	182.2400, -54.3483, 25.2225
Hunter-Lab	71.2124, -8.7186, 38.6220

Details

The Yxy color **50.7120, 0.4187, 0.4592** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **14.0990, 0.1922, 0.1470**, and the grayscale version is **47.2023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0712, 0.3915, 0.4440**, and **24.3982, 0.4383, 0.4864** is the 20% darker color. If you saturate the color by 10%, you get **49.0616, 0.4313, 0.4707**, and if you desaturate by 10%, it is **52.4950, 0.4040, 0.4438**.

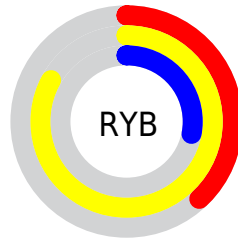
Distribution



Red (83%)

Green (74%)

Blue (28%)



Red (38%)

Yellow (83%)

Blue (28%)

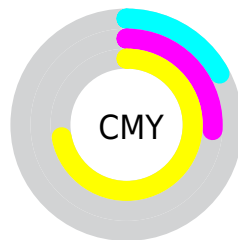


Cyan (0%)

Magenta (10%)

Yellow (66%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7120, 0.4187, 0.4592 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 50.7120, 0.4187, 0.4592 by changing the saturation by 10% instead.

50.7120, 0.4187,
0.4592

50.7120, 0.4187,
0.4592

389.4438, 0.3709,
0.3985

35.9795, 0.4281,
0.4719

91.2289, 0.4031,
0.4388

24.4183, 0.4384,
0.4864

117.7821, 0.3967,
0.4306

15.6442, 0.4491,
0.5026

149.0442, 0.3910,
0.4235

9.2728, 0.4631,
0.5245

185.3998, 0.3860,
0.4172

4.9195, 0.4646,
0.5354

227.2331, 0.3816,
0.4117

2.2001, 0.4575,
0.5425

274.9287, 0.3776,

0.7201, 0.4333,

0.4068

0.5667

328.8707, 0.3741,
0.4024

0.0000, 0.0000,
0.0000

50.7120, 0.4187,
0.4592

50.7120, 0.4187,
0.4592

49.0616, 0.4313,
0.4707

52.4950, 0.4040,
0.4438

47.5261, 0.4412,
0.4777

54.4122, 0.3878,
0.4255

46.0952, 0.4482,
0.4801

56.4740, 0.3709,
0.4051

45.5258, 0.4507,
0.4804

58.6876, 0.3539,
0.3838

61.0596, 0.3373,
0.3622

■ 63.5961, 0.3215,
0.3410

■ 66.3031, 0.3068,
0.3208

■ 69.1858, 0.2931,
0.3017

■ 71.7939, 0.2847,
0.2909

Harmonies

Analogous

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



50.7120, 0.4657, 0.4078



50.7120, 0.4187, 0.4592



50.7120, 0.3470, 0.4796

Triad

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



50.7120, 0.4187, 0.4592



50.7120, 0.1778, 0.2774



50.7120, 0.3417, 0.2448

Complementary

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



50.7120, 0.4187, 0.4592



14.0990, 0.1922, 0.1470

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.



50.7120, 0.2622, 0.2149



50.7120, 0.4187, 0.4592



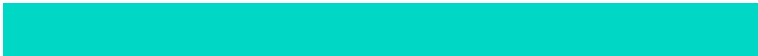
50.7120, 0.1771, 0.2266

Square

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



50.7120, 0.4187, 0.4592



50.7120, 0.2093, 0.3586



50.7120, 0.2054, 0.2075



50.7120, 0.4219, 0.2919

Rectangle

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



50.7120, 0.4187, 0.4592



50.7120, 0.2951, 0.4615



50.7120, 0.2054, 0.2075



50.7120, 0.3136, 0.2326

Sweetspot

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



50.7144, 0.4187, 0.4592



92.0882, 0.3444, 0.3715



19.3205, 0.4921, 0.3041



19.4905, 0.3492, 0.3777



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.



50.7144, 0.4187, 0.4592



74.3286, 0.4356, 0.4740



55.0412, 0.3642, 0.5021



13.4650, 0.3270, 0.3484



27.5892, 0.4501, 0.4808



1.6304, 0.4436, 0.4860

Inverse Universe

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



14.0990, 0.1922, 0.1470



14.5666, 0.1709, 0.1090



13.2181, 0.2207, 0.1350



11.7161, 0.2982, 0.3088



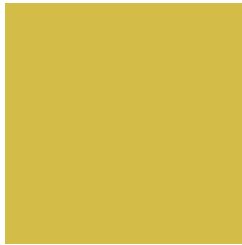
3.6079, 0.1540, 0.0743



0.2991, 0.1622, 0.1039

Previews

White Background



This preview shows how the Yxy color 50.7120, 0.4187, 0.4592 looks on a white background.

Color Contrast Check

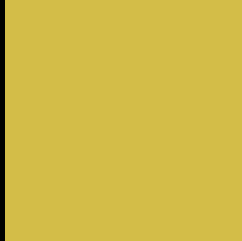
Large Text (above 18pt) WCAG AA × Fail

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 50.7120, 0.4187, 0.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

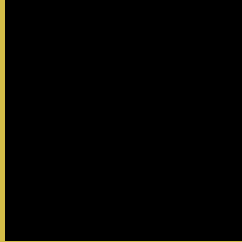
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7120, 0.4187, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 50.7120, 0.4187, 0.4592.



This preview shows how white text looks on a background with the Yxy color 50.7120, 0.4187, 0.4592.

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

50.7120, 0.4187, 0.4592

Protanopia

50.7120, 0.4187, 0.4592

Deuteranopia

50.4104, 0.4463, 0.4356



Tritanopia

50.5780, 0.3398, 0.3128

Trichromacy



Original Color

50.7120, 0.4187, 0.4592

Protanomaly

50.7120, 0.4187, 0.4592

Deuteranomaly

50.5301, 0.4357, 0.4445

Tritanomaly

49.9376, 0.3728, 0.3688

Monochromacy



Original Color

50.7120, 0.4187, 0.4592

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.9884, 0.3545, 0.3847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7120, 0.4187, 0.4592 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(211, 189, 72)` looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 72)  
}
```

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(211, 189, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 72) }
```

Border

The CSS property to change the border of an element to Yxy 50.7120, 0.4187, 0.4592 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(211, 189, 72) }
```

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

```
.border{ border-color:rgb(211, 189, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 189, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 72);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7120, 0.4187, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 72) }
```

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

```
.background{ background-color: rgb(211,  
189, 72) }
```

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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