

Converting Colors

$Yxy(55.0217, 0.4267, 0.4689)$

Have a look what the booklet for
Yxy(55.0217, 0.4267, 0.4689)
contains.

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Color

Yxy(55.0217, 0.4267, 0.4689)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCC43C |
| RGB | 220, 196, 60 |
| RGB Percent | 86%, 77%, 24% |
| CMY | 0.1373, 0.2313, 0.7648 |
| CMYK | 0.00, 0.11, 0.73, 0.14 |
| HSL | 51°, 70%, 55% |
| HSV | 51°, 73%, 86% |
| XYZ | 50.0699, 55.0217, 12.2505 |
| YIQ | 187.6720, 57.9600, -37.2080 |

Conversions

Conversions Part 2

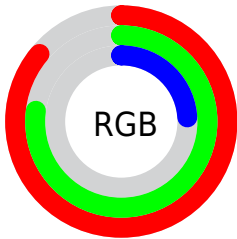
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 88, 220, 60 |
| Decimal | 14468156 |
| CIE Lab | 79.05, -5.90, 67.33 |
| CIE LCh | 79, 67.592, 95.007 |
| Yxy | 55.0217, 0.4267, 0.4689 |
| Android (android.graphics.Color) | 4292658236 (0xFFDCC43C) |
| YUV | 187.6720, -62.9423, 28.3517 |
| Hunter-Lab | 74.1766, -9.3200, 42.1317 |

Details

The Yxy color **55.0217, 0.4267, 0.4689** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **12.4606, 0.1802, 0.1251**, and the grayscale version is **50.4320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1418, 0.3931, 0.4573**, and **27.2220, 0.4402, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **53.3664, 0.4372, 0.4774**, and if you desaturate by 10%, it is **56.8115, 0.4137, 0.4561**.

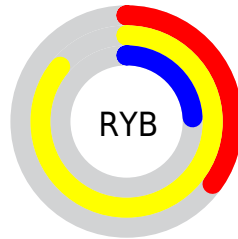
Distribution



Red (86%)

Green (77%)

Blue (24%)



Red (35%)

Yellow (86%)

Blue (24%)

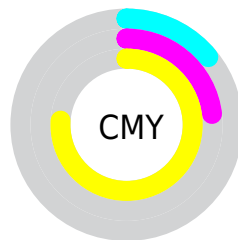


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (14%)



Cyan (14%)


Magenta (23%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0217, 0.4267, 0.4689 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 55.0217, 0.4267, 0.4689 by changing the saturation by 10% instead.


 55.0217, 0.4267,
0.4689


 55.0217, 0.4267,
0.4689

405.9942, 0.3772,
0.4058

 39.4191, 0.4358,
0.4813


 97.5727, 0.4110,
0.4483

 27.0859, 0.4453,
0.4952


 125.2900, 0.4044,
0.4398


 17.6378, 0.4547,
0.5099

 157.8142, 0.3986,
0.4324

 10.6902, 0.4685,
0.5315

 195.5298, 0.3933,
0.4258

 5.8589, 0.4642,
0.5358

 238.8213, 0.3886,
0.4199

 2.7595, 0.4575,
0.5425

288.0729, 0.3844,

 1.0075, 0.4453,

0.4147

0.5547

343.6690, 0.3806,
0.4100

0.0000, 0.0000,
0.0000

55.0217, 0.4267,
0.4689

55.0217, 0.4267,
0.4689

53.3664, 0.4372,
0.4774

56.8115, 0.4137,
0.4561

51.8248, 0.4448,
0.4813

58.7390, 0.3987,
0.4396

50.7634, 0.4488,
0.4818

60.8162, 0.3824,
0.4203

63.0515, 0.3655,
0.3993

65.4528, 0.3486,
0.3776

■ 68.0271, 0.3323,
0.3558

■ 70.7810, 0.3168,
0.3346

■ 73.7209, 0.3023,
0.3145

■ 76.6603, 0.2908,
0.2985

Harmonies

Analogous

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



55.0217, 0.4786, 0.4114



55.0217, 0.4267, 0.4689



55.0217, 0.3489, 0.4947

Triad

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



55.0217, 0.4267, 0.4689



55.0217, 0.1674, 0.2722



55.0217, 0.3432, 0.2377

Complementary

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



55.0217, 0.4267, 0.4689



12.4606, 0.1802, 0.1251

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.



55.0217, 0.2568, 0.2060



55.0217, 0.4267, 0.4689



55.0217, 0.1668, 0.2179

Square

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



55.0217, 0.4267, 0.4689



55.0217, 0.2006, 0.3616



55.0217, 0.1965, 0.1980



55.0217, 0.4317, 0.2877

Rectangle

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



55.0217, 0.4267, 0.4689



55.0217, 0.2929, 0.4763



55.0217, 0.1965, 0.1980



55.0217, 0.3125, 0.2248

Sweetspot

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



55.0243, 0.4267, 0.4689



91.6496, 0.3477, 0.3764



19.0830, 0.5266, 0.3070



19.4146, 0.3523, 0.3823



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.



55.0243, 0.4267, 0.4689



73.4753, 0.4413, 0.4799



59.4031, 0.3638, 0.5181



14.9138, 0.3270, 0.3487



29.9232, 0.4483, 0.4822



2.0308, 0.4429, 0.4866

Inverse Universe

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



12.4606, 0.1802, 0.1251



11.4903, 0.1615, 0.0899



12.1065, 0.2115, 0.1178



12.9307, 0.2981, 0.3085



3.7713, 0.1536, 0.0728



0.3459, 0.1606, 0.0982

Previews

White Background



This preview shows how the Yxy color 55.0217, 0.4267, 0.4689 looks on a white background.

Color Contrast Check

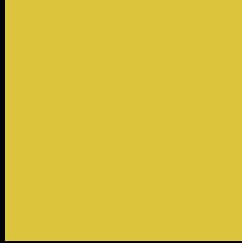
Large Text (above 18pt) WCAG AA × Fail

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 55.0217, 0.4267, 0.4689 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 55.0217, 0.4267, 0.4689

Background



This preview shows how black text looks on a background with the Yxy color 55.0217, 0.4267, 0.4689.



This preview shows how white text looks on a background with the Yxy color 55.0217, 0.4267, 0.4689.

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

55.0217, 0.4267, 0.4689

Protanopia

54.8662, 0.4258, 0.4694

Deuteranopia

54.9005, 0.4545, 0.4444



Tritanopia

54.8871, 0.3424, 0.3134

Trichromacy



Original Color

55.0217, 0.4267, 0.4689

Protanomaly

54.8662, 0.4258, 0.4694

Deuteranomaly

55.0187, 0.4440, 0.4532

Tritanomaly

54.4039, 0.3800, 0.3764

Monochromacy



Original Color

55.0217, 0.4267, 0.4689

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.4641, 0.3597, 0.3918

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0217, 0.4267, 0.4689 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(220, 196, 60)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 60)  
}
```

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(220, 196, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 60) }
```

Border

The CSS property to change the border of an element to Yxy 55.0217, 0.4267, 0.4689 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(220, 196, 60) }
```

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

```
.border{ border-color:rgb(220, 196, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 196, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 196, 60);  
box-shadow:4px 4px 4px 4px rgb(220, 196,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0217, 0.4267, 0.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 60) }
```

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

```
.background{ background-color: rgb(220,  
196, 60) }
```

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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