

Converting Colors

$Yxy(52.3493, 0.4373, 0.4643)$

Have a look what the booklet for
Yxy(52.3493, 0.4373, 0.4643)
contains.

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Color

Yxy(52.3590, 0.4372, 0.4642)

Conversions

Conversions Part 1

Format	Color
Hex	DFBD37
RGB	223, 189, 55
RGB Percent	87%, 74%, 22%
CMY	0.1256, 0.2588, 0.7843
CMYK	0.00, 0.15, 0.75, 0.13
HSL	48°, 72%, 55%
HSV	48°, 75%, 87%
XYZ	49.3136, 52.3590, 11.1215
YIQ	183.8900, 63.2780, -34.4660

Conversions

Conversions Part 2

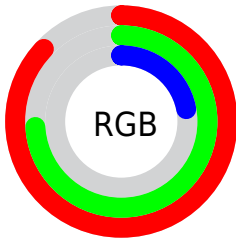
Format	Color
R _Y B	98, 223, 55
Decimal	14662967
CIE Lab	77.50, -1.22, 67.71
CIE LCh	77, 67.720, 91.036
Yxy	52.3590, 0.4372, 0.4642
Android (android.graphics.Color)	4292853047 (0xFFDFBD37)
YUV	183.8900, -63.5428, 34.2995
Hunter-Lab	72.3595, -4.9801, 41.5389

Details

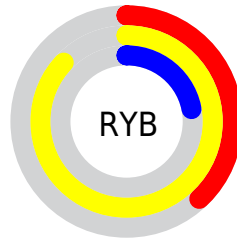
The Yxy color **52.3590, 0.4372, 0.4642** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted orange. A complement of this color would be **13.2781, 0.1790, 0.1288**, and the grayscale version is **48.2008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7125, 0.3990, 0.4559**, and **25.5008, 0.4527, 0.4787** is the 20% darker color. If you saturate the color by 10%, you get **50.2840, 0.4488, 0.4707**, and if you desaturate by 10%, it is **54.5959, 0.4230, 0.4531**.

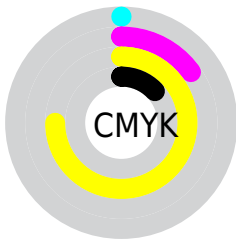
Distribution



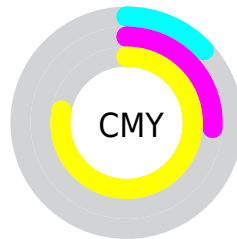
- Red (87%)
- Green (74%)
- Blue (22%)



- Red (38%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (75%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3590, 0.4372, 0.4642 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 52.3590, 0.4372, 0.4642 by changing the saturation by 10% instead.


 52.3590, 0.4372,
0.4642


 52.3590, 0.4372,
0.4642

395.8210, 0.3823,
0.4041

 37.2913, 0.4474,
0.4756


 93.6605, 0.4197,
0.4449


 25.4331, 0.4584,
0.4879


 120.6630, 0.4123,
0.4368


 16.4000, 0.4693,
0.5004


 152.4127, 0.4058,
0.4297

 9.8077, 0.4833,
0.5167

 189.2938, 0.4000,
0.4234

 5.2716, 0.4824,
0.5176

 231.6908, 0.3948,
0.4177

 2.4075, 0.4809,
0.5191

279.9881, 0.3902,

 0.8297, 0.4777,

0.4127

0.5223

334.5700, 0.3860,
0.4082

0.0000, 0.0000,
0.0000

52.3590, 0.4372,
0.4642

52.3590, 0.4372,
0.4642

50.2840, 0.4488,
0.4707

54.5959, 0.4230,
0.4531

48.3486, 0.4574,
0.4725

56.9991, 0.4067,
0.4382

47.4825, 0.4608,
0.4723

59.5817, 0.3893,
0.4204

62.3529, 0.3714,
0.4007

65.3212, 0.3538,
0.3802

68.4944, 0.3368,
0.3595

71.8798, 0.3208,
0.3394

75.4843, 0.3060,
0.3202

79.2702, 0.2928,
0.3028

Harmonies

Analogous

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



52.3590, 0.4852, 0.4037



52.3590, 0.4372, 0.4642



52.3590, 0.3604, 0.4976

Triad

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



52.3590, 0.4372, 0.4642



52.3590, 0.1676, 0.2812



52.3590, 0.3311, 0.2308

Complementary

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



52.3590, 0.4372, 0.4642



13.2781, 0.1790, 0.1288

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.



52.3590, 0.2460, 0.2017



52.3590, 0.4372, 0.4642



52.3590, 0.1630, 0.2212

Square

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



52.3590, 0.4372, 0.4642



52.3590, 0.2057, 0.3758



52.3590, 0.1889, 0.1970



52.3590, 0.4232, 0.2794

Rectangle

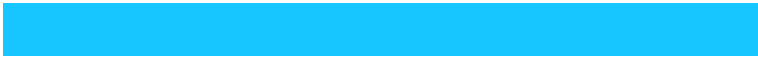
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.3590, 0.4372, 0.4642



52.3590, 0.3034, 0.4858



52.3590, 0.1889, 0.1970



52.3590, 0.3004, 0.2186

Sweetspot

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



52.3615, 0.4372, 0.4642



89.4473, 0.3500, 0.3757



19.1793, 0.5201, 0.2960



18.8205, 0.3563, 0.3832



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.



52.3615, 0.4372, 0.4642



66.7356, 0.4538, 0.4723



62.1977, 0.3727, 0.5171



15.5341, 0.3272, 0.3476



28.0899, 0.4601, 0.4729



2.0678, 0.4526, 0.4788

Inverse Universe

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



13.2781, 0.1790, 0.1288



12.0553, 0.1615, 0.0937



10.9190, 0.1984, 0.1071



13.6899, 0.2981, 0.3097



4.3688, 0.1557, 0.0805



0.4298, 0.1634, 0.1082

Previews

White Background



This preview shows how the Yxy color 52.3590, 0.4372, 0.4642 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 52.3590, 0.4372, 0.4642 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 52.3590, 0.4372, 0.4642

Background



This preview shows how black text looks on a background with the Yxy color 52.3590, 0.4372, 0.4642.



This preview shows how white text looks on a background with the Yxy color 52.3590, 0.4372, 0.4642.

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

52.3590, 0.4372, 0.4642

Protanopia

52.4319, 0.4273, 0.4708

Deuteranopia

52.2867, 0.4567, 0.4469



Tritanopia

52.0920, 0.3515, 0.3134

Trichromacy



Original Color

52.3590, 0.4372, 0.4642

Protanomaly

52.4526, 0.4307, 0.4682

Deuteranomaly

52.4858, 0.4494, 0.4534

Tritanomaly

51.6288, 0.3898, 0.3752

Monochromacy



Original Color

52.3590, 0.4372, 0.4642

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9297, 0.3629, 0.3914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3590, 0.4372, 0.4642 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(223, 189, 55)` looks like.

```
.text, #text, p{  
    color:rgb(223, 189, 55)  
}
```

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(223, 189, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 189, 55) }
```

Border

The CSS property to change the border of an element to Yxy 52.3590, 0.4372, 0.4642 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(223, 189, 55) }
```

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

```
.border{ border-color:rgb(223, 189, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 189, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 189, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 189, 55);  
box-shadow:4px 4px 4px 4px rgb(223, 189,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3590, 0.4372, 0.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 189, 55) }
```

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

```
.background{ background-color: rgb(223,  
189, 55) }
```

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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