

Converting Colors

Yxy(60.8656, 0.4162, 0.4750)

Have a look what the booklet for
Yxy(60.8656, 0.4162, 0.4750)
contains.

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Color

Yxy(60.8656, 0.4162, 0.4750)

Conversions

Conversions Part 1

Format	Color
Hex	DDD041
RGB	221, 208, 65
RGB Percent	87%, 82%, 25%
CMY	0.1333, 0.1843, 0.7450
CMYK	0.00, 0.06, 0.71, 0.13
HSL	55°, 70%, 56%
HSV	55°, 71%, 87%
XYZ	53.3311, 60.8656, 13.9414
YIQ	195.5850, 53.6510, -41.7170

Conversions

Conversions Part 2

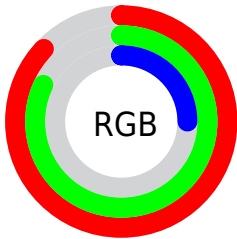
Format	Color
RYB	79, 221, 65
Decimal	14536769
CIELab	82.31, -11.34, 68.69
CIElCh	82, 69.619, 99.371
Yxy	60.8656, 0.4162, 0.4750
Android (android.graphics.Color)	4292726849 (0xFFDDD041)
YUV	195.5850, -64.3784, 22.2890
Hunter-Lab	78.0164, -14.5083, 44.0164

Details

The Yxy color **60.8656, 0.4162, 0.4750** 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 **11.7984, 0.1805, 0.1186**, and the grayscale version is **55.3127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1605, 0.3893, 0.4557**, and **30.7926, 0.4281, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **59.7671, 0.4251, 0.4852**, and if you desaturate by 10%, it is **62.0804, 0.4048, 0.4606**.

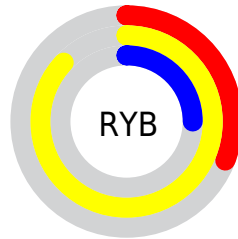
Distribution



Red (87%)

Green (82%)

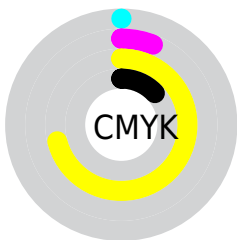
Blue (25%)



Red (31%)

Yellow (87%)

Blue (25%)

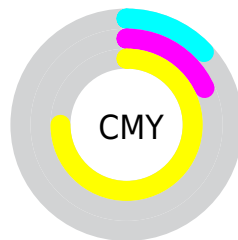


Cyan (0%)

Magenta (6%)

Yellow (71%)

Black (13%)



Cyan (13%)


Magenta (18%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8656, 0.4162, 0.4750 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 60.8656, 0.4162, 0.4750 by changing the saturation by 10% instead.


 60.8656, 0.4162,
0.4750

 60.8656, 0.4162,
0.4750


427.7810, 0.3727,
0.4090

 44.1167, 0.4238,
0.4883


 106.0843, 0.4027,
0.4533


 30.7623, 0.4318,
0.5033

 135.3229, 0.3970,
0.4444


 20.4179, 0.4392,
0.5198


 169.4936, 0.3918,
0.4366

 12.6992, 0.4471,
0.5403

 208.9806, 0.3871,
0.4298

 7.2217, 0.4455,
0.5545

 254.1685, 0.3830,
0.4237

 3.6012, 0.4343,
0.5657

305.4416, 0.3792,

 1.4531, 0.4150,

0.4183

0.5850

363.1843, 0.3758,
0.4134

■ 0.2553, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8656, 0.4162,
0.4750

■ 60.8656, 0.4162,
0.4750

■ 59.7671, 0.4251,
0.4852

■ 62.0804, 0.4048,
0.4606

■ 58.7638, 0.4312,
0.4909

■ 63.4135, 0.3912,
0.4426

■ 57.8880, 0.4349,
0.4929

■ 64.8768, 0.3762,
0.4218

■ 66.4785, 0.3604,
0.3993

68.2262, 0.3444,
0.3761

70.1269, 0.3287,
0.3529

72.1868, 0.3136,
0.3303

74.4122, 0.2994,
0.3088

76.2201, 0.2914,
0.2974

Harmonies

Analogous

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



60.8656, 0.4729, 0.4203



60.8656, 0.4162, 0.4750



60.8656, 0.3367, 0.4928

Triad

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



60.8656, 0.4162, 0.4750



60.8656, 0.1658, 0.2622



60.8656, 0.3567, 0.2443

Complementary

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



60.8656, 0.4162, 0.4750



11.7984, 0.1805, 0.1186

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.



60.8656, 0.2683, 0.2096



60.8656, 0.4162, 0.4750



60.8656, 0.1697, 0.2135

Square

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



60.8656, 0.4162, 0.4750



60.8656, 0.1940, 0.3471



60.8656, 0.2037, 0.1980



60.8656, 0.4418, 0.2962

Rectangle

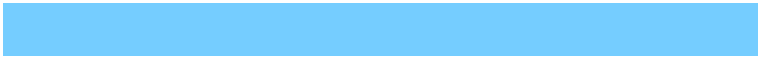
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8656, 0.4162, 0.4750



60.8656, 0.2811, 0.4673



60.8656, 0.2037, 0.1980



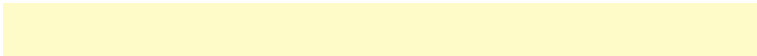
60.8656, 0.3257, 0.2305

Sweetspot

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



60.8685, 0.4162, 0.4750



94.2028, 0.3453, 0.3775



19.7452, 0.5292, 0.3149



20.0156, 0.3498, 0.3840



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.



60.8685, 0.4162, 0.4750



81.9291, 0.4286, 0.4886



59.4303, 0.3575, 0.5178



15.0684, 0.3269, 0.3502



33.7068, 0.4346, 0.4931



2.2397, 0.4319, 0.4953

Inverse Universe

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



11.7984, 0.1805, 0.1186



10.4963, 0.1606, 0.0831



13.5485, 0.2219, 0.1265



12.7908, 0.2981, 0.3069



3.3591, 0.1516, 0.0658



0.2795, 0.1561, 0.0819

Previews

White Background



This preview shows how the Yxy color 60.8656, 0.4162, 0.4750 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 60.8656, 0.4162, 0.4750 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 60.8656, 0.4162, 0.4750

Background



This preview shows how black text looks on a background with the Yxy color 60.8656, 0.4162, 0.4750.

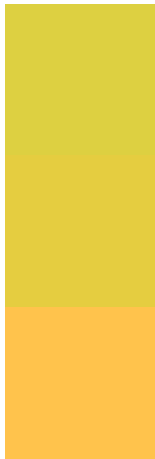


This preview shows how white text looks on a background with the Yxy color 60.8656, 0.4162, 0.4750.

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

60.8656, 0.4162, 0.4750

Protanopia

60.6908, 0.4255, 0.4689

Deuteranopia

60.8120, 0.4491, 0.4401



Tritanopia

60.5107, 0.3328, 0.3127

Trichromacy



Original Color

60.8656, 0.4162, 0.4750

Protanomaly

60.6815, 0.4223, 0.4713

Deuteranomaly

60.8311, 0.4374, 0.4526

Tritanomaly

59.9392, 0.3697, 0.3767

Monochromacy



Original Color

60.8656, 0.4162, 0.4750

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.4258, 0.3559, 0.3924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8656, 0.4162, 0.4750 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(221, 208, 65)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 65)  
}
```

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(221, 208, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 65) }
```

Border

The CSS property to change the border of an element to Yxy 60.8656, 0.4162, 0.4750 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(221, 208, 65) }
```

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

```
.border{ border-color:rgb(221, 208, 65) }
```

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

Here you see how a box with a 4 pixel rgb(221, 208, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 65);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8656, 0.4162, 0.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 65) }
```

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

```
.background{ background-color: rgb(221,  
208, 65) }
```

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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