

Converting Colors

$Yxy(62.1163, 0.4060, 0.4832)$

Have a look what the booklet for
Yxy(62.1163, 0.4060, 0.4832)
contains.

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Color

Yxy(62.1163, 0.4060, 0.4832)

Conversions

Conversions Part 1

Format	Color
Hex	D5D541
RGB	213, 213, 65
RGB Percent	84%, 84%, 25%
CMY	0.1647, 0.1647, 0.7450
CMYK	0.00, 0.00, 0.69, 0.16
HSL	60°, 64%, 55%
HSV	60°, 69%, 84%
XYZ	52.1921, 62.1163, 14.2436
YIQ	196.1280, 47.5080, -46.0280

Conversions

Conversions Part 2

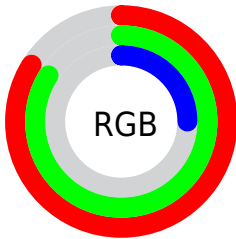
Format	Color
RYB	65, 213, 65
Decimal	14013761
CIELab	82.98, -17.18, 69.12
CIELCh	83, 71.222, 103.955
Yxy	62.1163, 0.4060, 0.4832
Android (android.graphics.Color)	4292203841 (0xFFD5D541)
YUV	196.1280, -64.6461, 14.7967
Hunter-Lab	78.8139, -19.7182, 44.4546

Details

The Yxy color **62.1163, 0.4060, 0.4832** 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 **9.7146, 0.1792, 0.1082**, and the grayscale version is **55.6613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1851, 0.3889, 0.4549**, and **31.7648, 0.4150, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **61.9163, 0.4129, 0.4946**, and if you desaturate by 10%, it is **62.4151, 0.3966, 0.4676**.

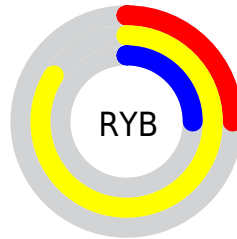
Distribution



Red (84%)

Green (84%)

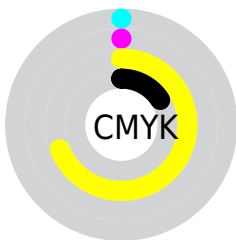
Blue (25%)



Red (25%)

Yellow (84%)

Blue (25%)

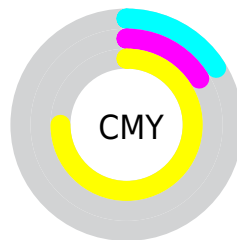


Cyan (0%)

Magenta (0%)

Yellow (69%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1163, 0.4060, 0.4832 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 62.1163, 0.4060, 0.4832 by changing the saturation by 10% instead.


 62.1163, 0.4060,
0.4832

 62.1163, 0.4060,
0.4832


432.3552, 0.3678,
0.4125


 45.1267, 0.4123,
0.4978


 107.8936, 0.3944,
0.4597


 31.5572, 0.4187,
0.5145


 137.4501, 0.3894,
0.4502

 21.0235, 0.4240,
0.5333


 171.9643, 0.3849,
0.4418

 13.1412, 0.4288,
0.5565

 211.8206, 0.3807,
0.4345

 7.5258, 0.4242,
0.5758

 257.4035, 0.3770,
0.4281

 3.7931, 0.4075,
0.5925

309.0973, 0.3737,

 1.5585, 0.3788,

0.4223

0.6212

367.2864, 0.3706,
0.4172

■ 0.3294, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1163, 0.4060,
0.4832

■ 62.1163, 0.4060,
0.4832

■ 61.9163, 0.4129,
0.4946

■ 62.4151, 0.3966,
0.4676

■ 61.7954, 0.4172,
0.5017


■ 62.8135, 0.3849,
0.4483


■ 61.7376, 0.4192,
0.5051


■ 63.3225, 0.3715,
0.4262

■ 61.7351, 0.4193,
0.5052

■ 63.9495, 0.3570,
0.4022

 64.7014, 0.3419,
0.3772

 65.5843, 0.3267,
0.3521

 66.6041, 0.3120,
0.3277

 67.7663, 0.2979,
0.3045

 68.9634, 0.2857,
0.2844

Harmonies

Analogous

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



62.1163, 0.4686, 0.4306



62.1163, 0.4060, 0.4832



62.1163, 0.3236, 0.4927

Triad

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



62.1163, 0.4060, 0.4832



62.1163, 0.1625, 0.2511



62.1163, 0.3717, 0.2502

Complementary

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



62.1163, 0.4060, 0.4832



9.7146, 0.1792, 0.1082

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.



62.1163, 0.2801, 0.2121



62.1163, 0.4060, 0.4832



62.1163, 0.1711, 0.2075

Square

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



62.1163, 0.4060, 0.4832



62.1163, 0.1857, 0.3321



62.1163, 0.2102, 0.1965



62.1163, 0.4542, 0.3046

Rectangle

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



62.1163, 0.4060, 0.4832



62.1163, 0.2681, 0.4594



62.1163, 0.2102, 0.1965



62.1163, 0.3402, 0.2353

Sweetspot

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



62.1192, 0.4060, 0.4832



97.0161, 0.3445, 0.3816



18.3430, 0.5419, 0.3273



20.6958, 0.3487, 0.3886



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.



62.1192, 0.4060, 0.4832



92.9483, 0.4151, 0.4982



53.6817, 0.3478, 0.5213



14.5198, 0.3266, 0.3520



37.7061, 0.4193, 0.5052



2.2743, 0.4193, 0.5052

Inverse Universe

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



9.7146, 0.1792, 0.1082



9.4955, 0.1597, 0.0761



13.8694, 0.2359, 0.1355



12.0089, 0.2981, 0.3049



2.9348, 0.1500, 0.0600



0.1771, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 62.1163, 0.4060, 0.4832 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 62.1163, 0.4060, 0.4832 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 62.1163, 0.4060, 0.4832

Background



This preview shows how black text looks on a background with the Yxy color 62.1163, 0.4060, 0.4832.



This preview shows how white text looks on a background with the Yxy color 62.1163, 0.4060, 0.4832.

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

62.1163, 0.4060, 0.4832

Protanopia

61.9735, 0.4260, 0.4701

Deuteranopia

61.9138, 0.4406, 0.4330



Tritanopia

61.9219, 0.3221, 0.3114

Trichromacy



Original Color

62.1163, 0.4060, 0.4832

Protanomaly

61.8184, 0.4183, 0.4748

Deuteranomaly

61.8163, 0.4288, 0.4513

Tritanomaly

61.0959, 0.3591, 0.3798

Monochromacy



Original Color

62.1163, 0.4060, 0.4832

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.9357, 0.3527, 0.3951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1163, 0.4060, 0.4832 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(213, 213, 65)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 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(213, 213, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 65) }
```

Border

The CSS property to change the border of an element to Yxy 62.1163, 0.4060, 0.4832 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(213, 213, 65) }
```

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

```
.border{ border-color:rgb(213, 213, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 65);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1163, 0.4060, 0.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 65) }
```

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

```
.background{ background-color: rgb(213,  
213, 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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