

Converting Colors

Yxy(51.8232, 0.4142, 0.4549)

Have a look what the booklet for
Yxy(51.8232, 0.4142, 0.4549)
contains.

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Color

Yxy(51.8232, 0.4142, 0.4549)

Conversions

Conversions Part 1

Format	Color
Hex	D4BF4F
RGB	212, 191, 79
RGB Percent	83%, 75%, 31%
CMY	0.1688, 0.2509, 0.6902
CMYK	0.00, 0.10, 0.63, 0.17
HSL	51°, 61%, 57%
HSV	51°, 63%, 83%
XYZ	47.1866, 51.8232, 14.9124
YIQ	184.5110, 48.4680, -30.3800

Conversions

Conversions Part 2

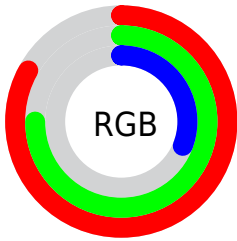
Format	Color
RYB	104, 212, 79
Decimal	13942607
CIELab	77.17, -5.71, 57.55
CIELCh	77, 57.836, 95.662
Yxy	51.8232, 0.4142, 0.4549
Android (android.graphics.Color)	4292132687 (0xFFD4BF4F)
YUV	184.5110, -52.0169, 24.1079
Hunter-Lab	71.9883, -8.9773, 38.1099

Details

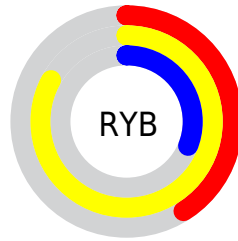
The Yxy color **51.8232, 0.4142, 0.4549** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **15.5191, 0.1977, 0.1561**, and the grayscale version is **48.5034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4475, 0.3874, 0.4405**, and **25.1049, 0.4332, 0.4820** is the 20% darker color. If you saturate the color by 10%, you get **50.1243, 0.4275, 0.4677**, and if you desaturate by 10%, it is **53.6586, 0.3990, 0.4385**.

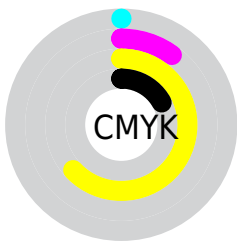
Distribution



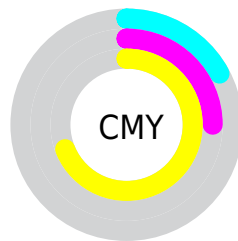
- Red (83%)
- Green (75%)
- Blue (31%)



- Red (41%)
- Yellow (83%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8232, 0.4142, 0.4549 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 51.8232, 0.4142, 0.4549 by changing the saturation by 10% instead.


 51.8232, 0.4142,
0.4549


 51.8232, 0.4142,
0.4549


393.7537, 0.3683,
0.3960

 36.8642, 0.4234,
0.4674


 92.8704, 0.3991,
0.4350


 25.1023, 0.4337,
0.4819


 119.7275, 0.3929,
0.4270

 16.1533, 0.4446,
0.4985


 151.3192, 0.3875,
0.4201

 9.6327, 0.4569,
0.5185

 188.0302, 0.3827,
0.4140

 5.1561, 0.4640,
0.5360

 230.2447, 0.3785,
0.4087

 2.3392, 0.4569,
0.5431

278.3472, 0.3747,

 0.7943, 0.4367,

0.4040

0.5633

332.7221, 0.3713,
0.3997

0.0000, 0.0000,
0.0000

51.8232, 0.4142,
0.4549

51.8232, 0.4142,
0.4549

50.1243, 0.4275,
0.4677

53.6586, 0.3990,
0.4385

48.5445, 0.4382,
0.4761

55.6319, 0.3825,
0.4194

47.0745, 0.4461,
0.4800

57.7532, 0.3655,
0.3986

46.0600, 0.4504,
0.4805

60.0296, 0.3486,
0.3770

62.4677, 0.3323,
0.3555

■ 65.0735, 0.3168,
0.3346

■ 67.8528, 0.3023,
0.3146

■ 70.8110, 0.2891,
0.2959

■ 72.9649, 0.2854,
0.2931

Harmonies

Analogous

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



51.8232, 0.4593, 0.4065



51.8232, 0.4142, 0.4549



51.8232, 0.3452, 0.4725

Triad

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



51.8232, 0.4142, 0.4549



51.8232, 0.1826, 0.2791



51.8232, 0.3418, 0.2485

Complementary

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



51.8232, 0.4142, 0.4549



15.5191, 0.1977, 0.1561

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.



51.8232, 0.2654, 0.2192



51.8232, 0.4142, 0.4549



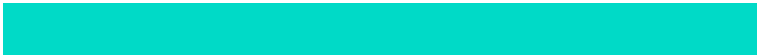
51.8232, 0.1822, 0.2303

Square

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



51.8232, 0.4142, 0.4549



51.8232, 0.2129, 0.3563



51.8232, 0.2101, 0.2119



51.8232, 0.4181, 0.2943

Rectangle

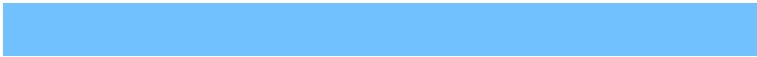
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.8232, 0.4142, 0.4549



51.8232, 0.2954, 0.4543



51.8232, 0.2101, 0.2119



51.8232, 0.3150, 0.2365

Sweetspot

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



51.8256, 0.4142, 0.4549



92.4886, 0.3428, 0.3694



20.5270, 0.4789, 0.3044



19.5717, 0.3476, 0.3756



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.



51.8256, 0.4142, 0.4549



75.4053, 0.4311, 0.4707



55.9212, 0.3631, 0.4950



14.1711, 0.3270, 0.3485



28.5665, 0.4499, 0.4809



1.8146, 0.4438, 0.4858

Inverse Universe

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



15.5191, 0.1977, 0.1561



16.2864, 0.1763, 0.1190



14.5786, 0.2259, 0.1439



12.3215, 0.2982, 0.3087



3.7148, 0.1539, 0.0740



0.3253, 0.1616, 0.1018

Previews

White Background



This preview shows how the Yxy color 51.8232, 0.4142, 0.4549 looks on a white background.

Color Contrast Check

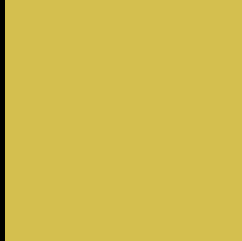
Large Text (above 18pt) WCAG AA × Fail

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 51.8232, 0.4142, 0.4549 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 51.8232, 0.4142, 0.4549

Background



This preview shows how black text looks on a background with the Yxy color 51.8232, 0.4142, 0.4549.



This preview shows how white text looks on a background with the Yxy color 51.8232, 0.4142, 0.4549.

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

51.8232, 0.4142, 0.4549

Protanopia

51.8232, 0.4142, 0.4549

Deuteranopia

51.4898, 0.4413, 0.4317



Tritanopia

51.6201, 0.3387, 0.3129

Trichromacy



Original Color

51.8232, 0.4142, 0.4549

Protanomaly

51.8232, 0.4142, 0.4549

Deuteranomaly

51.6229, 0.4309, 0.4404

Tritanomaly

51.0394, 0.3696, 0.3661

Monochromacy



Original Color

51.8232, 0.4142, 0.4549

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2181, 0.3525, 0.3816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8232, 0.4142, 0.4549 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(212, 191, 79)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 79)  
}
```

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(212, 191, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 79) }
```

Border

The CSS property to change the border of an element to Yxy 51.8232, 0.4142, 0.4549 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(212, 191, 79) }
```

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

```
.border{ border-color:rgb(212, 191, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 79);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8232, 0.4142, 0.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 79) }
```

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

```
.background{ background-color: rgb(212,  
191, 79) }
```

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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