

Converting Colors

$Yxy(52.9112, 0.4203, 0.4513)$

Have a look what the booklet for
Yxy(52.9112, 0.4203, 0.4513)
contains.

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Color

Yxy(52.8862, 0.4204, 0.4514)

Conversions

Conversions Part 1

Format	Color
Hex	DBBF4F
RGB	219, 191, 79
RGB Percent	86%, 75%, 31%
CMY	0.1412, 0.2509, 0.6900
CMYK	0.00, 0.13, 0.64, 0.14
HSL	48°, 66%, 58%
HSV	48°, 64%, 86%
XYZ	49.2542, 52.8862, 15.0200
YIQ	186.6040, 52.6400, -28.8960

Conversions

Conversions Part 2

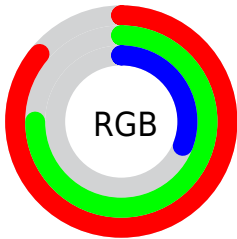
Format	Color
RYB	114, 219, 79
Decimal	14401359
CIELab	77.81, -2.73, 58.40
CIElCh	78, 58.462, 92.680
Yxy	52.8862, 0.4204, 0.4514
Android (android.graphics.Color)	4292591439 (0xFFDDBBF4F)
YUV	186.6040, -53.0488, 28.4113
Hunter-Lab	72.7229, -6.3695, 38.6605

Details

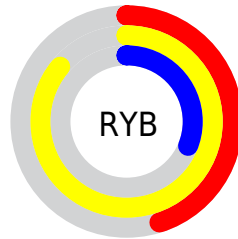
The Yxy color **52.8862, 0.4204, 0.4514** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **17.3018, 0.1974, 0.1605**, and the grayscale version is **49.7453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4750, 0.3869, 0.4396**, and **25.8082, 0.4417, 0.4765** is the 20% darker color. If you saturate the color by 10%, you get **50.7389, 0.4349, 0.4631**, and if you desaturate by 10%, it is **55.2007, 0.4040, 0.4360**.

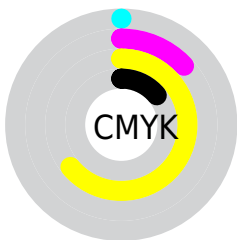
Distribution



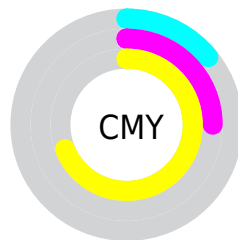
- Red (86%)
- Green (75%)
- Blue (31%)



- Red (45%)
- Yellow (86%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (64%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8862, 0.4204, 0.4514 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 52.8862, 0.4204, 0.4514 by changing the saturation by 10% instead.


 52.8862, 0.4204,
0.4514


 52.8862, 0.4204,
0.4514


397.8484, 0.3716,
0.3950


 37.7119, 0.4302,
0.4631


 94.4369, 0.4043,
0.4325

 25.7592, 0.4413,
0.4765


 121.5821, 0.3977,
0.4249


 16.6436, 0.4533,
0.4914


 153.4864, 0.3920,
0.4183

 9.9807, 0.4668,
0.5090

 190.5342, 0.3869,
0.4125

 5.3862, 0.4764,
0.5236

 233.1099, 0.3824,
0.4073

 2.4756, 0.4731,
0.5269

281.5979, 0.3784,

 0.8644, 0.4662,

0.4028

0.5338

336.3826, 0.3748,
0.3987

0.0000, 0.0000,
0.0000

52.8862, 0.4204,
0.4514

52.8862, 0.4204,
0.4514

50.7389, 0.4349,
0.4631

55.2007, 0.4040,
0.4360

48.7399, 0.4468,
0.4704

57.6845, 0.3866,
0.4178

46.8783, 0.4558,
0.4730

60.3491, 0.3688,
0.3979

45.7962, 0.4602,
0.4728

63.2023, 0.3512,
0.3773

66.2516, 0.3344,
0.3566

■ 69.5037, 0.3186,
0.3366

■ 72.9653, 0.3039,
0.3175

■ 76.6424, 0.2906,
0.2996

■ 79.1031, 0.2903,
0.3035

Harmonies

Analogous

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



52.8862, 0.4623, 0.4011



52.8862, 0.4204, 0.4514



52.8862, 0.3527, 0.4736

Triad

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



52.8862, 0.4204, 0.4514



52.8862, 0.1838, 0.2855



52.8862, 0.3338, 0.2444

Complementary

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



52.8862, 0.4204, 0.4514



17.3018, 0.1974, 0.1605

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.



52.8862, 0.2585, 0.2171



52.8862, 0.4204, 0.4514



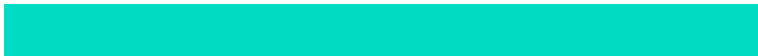
52.8862, 0.1805, 0.2334

Square

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



52.8862, 0.4204, 0.4514



52.8862, 0.2172, 0.3649



52.8862, 0.2057, 0.2121



52.8862, 0.4118, 0.2891

Rectangle

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



52.8862, 0.4204, 0.4514



52.8862, 0.3026, 0.4593



52.8862, 0.2057, 0.2121



52.8862, 0.3071, 0.2331

Sweetspot

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



52.8887, 0.4204, 0.4514



91.2372, 0.3431, 0.3675



21.7210, 0.4770, 0.2989



19.2657, 0.3480, 0.3734



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.



52.8887, 0.4204, 0.4514



70.5511, 0.4397, 0.4664



60.5694, 0.3673, 0.4957



14.7985, 0.3272, 0.3476



27.3169, 0.4595, 0.4734



1.8845, 0.4517, 0.4795

Inverse Universe

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



17.3018, 0.1974, 0.1605



16.8575, 0.1758, 0.1225



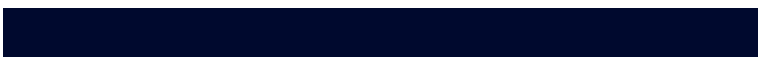
14.7820, 0.2196, 0.1383



13.0367, 0.2981, 0.3097



4.2154, 0.1556, 0.0803



0.3957, 0.1638, 0.1097

Previews

White Background



This preview shows how the Yxy color 52.8862, 0.4204, 0.4514 looks on a white background.

Color Contrast Check

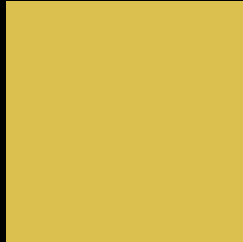
Large Text (above 18pt) WCAG AA × Fail

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 52.8862, 0.4204, 0.4514 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 52.8862, 0.4204, 0.4514

Background



This preview shows how black text looks on a background with the Yxy color 52.8862, 0.4204, 0.4514.



This preview shows how white text looks on a background with the Yxy color 52.8862, 0.4204, 0.4514.

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

52.8862, 0.4204, 0.4514

Protanopia

53.0153, 0.4140, 0.4549

Deuteranopia

52.8118, 0.4429, 0.4330



Tritanopia

52.7485, 0.3448, 0.3133

Trichromacy



Original Color

52.8862, 0.4204, 0.4514

Protanomaly

52.8774, 0.4165, 0.4530

Deuteranomaly

52.8528, 0.4351, 0.4398

Tritanomaly

52.1415, 0.3759, 0.3653

Monochromacy



Original Color

52.8862, 0.4204, 0.4514

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2467, 0.3542, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8862, 0.4204, 0.4514 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(219, 191, 79)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 191, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 79) }
```

Border

The CSS property to change the border of an element to Yxy 52.8862, 0.4204, 0.4514 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(219, 191, 79) }
```

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

```
.border{ border-color:rgb(219, 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(219, 191, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 79);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8862, 0.4204, 0.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 79) }
```

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

```
.background{ background-color: rgb(219,  
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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