

Converting Colors

Yxy(58.8514, 0.3927, 0.4445)

Have a look what the booklet for
Yxy(58.8514, 0.3927, 0.4445)
contains.

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Color

Yxy(58.9381, 0.3928, 0.4451)

Conversions

Conversions Part 1

Format	Color
Hex	D6CD67
RGB	214, 205, 103
RGB Percent	84%, 80%, 40%
CMY	0.1607, 0.1961, 0.5961
CMYK	0.00, 0.04, 0.52, 0.16
HSL	55°, 58%, 62%
HSV	55°, 52%, 84%
XYZ	52.0128, 58.9381, 21.4645
YIQ	196.0630, 38.1060, -29.8140

Conversions

Conversions Part 2

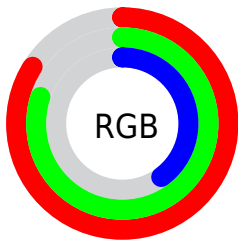
Format	Color
R_{YB}	113, 214, 103
Decimal	14077287
CIE _{Lab}	81.26, -10.24, 51.29
CIE _{LCh}	81, 52.299, 101.293
Yxy	58.9381, 0.3928, 0.4451
Android (android.graphics.Color)	4292267367 (0xFFD6CD67)
YUV	196.0630, -45.8801, 15.7307
Hunter-Lab	76.7712, -13.4150, 37.1628

Details

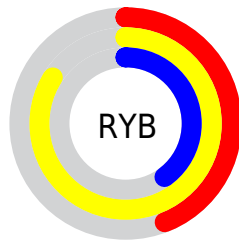
The Yxy color **58.9381, 0.3928, 0.4451** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.3271, 0.2159, 0.1774**, and the grayscale version is **55.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2143, 0.3706, 0.4247**, and **29.5403, 0.4085, 0.4719** is the 20% darker color. If you saturate the color by 10%, you get **57.7387, 0.4060, 0.4627**, and if you desaturate by 10%, it is **60.2622, 0.3780, 0.4246**.

Distribution



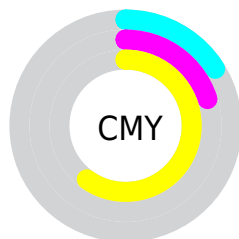
- Red (84%)
- Green (80%)
- Blue (40%)



- Red (44%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9381, 0.3928, 0.4451 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 58.9381, 0.3928, 0.4451 by changing the saturation by 10% instead.


 58.9381, 0.3928,
0.4451


 58.9381, 0.3928,
0.4451

420.6725, 0.3569,
0.3902

 42.5633, 0.4001,
0.4573


 103.2877, 0.3809,
0.4262


 29.5426, 0.4085,
0.4720


 132.0313, 0.3761,
0.4187

 19.4917, 0.4178,
0.4897


 165.6666, 0.3719,
0.4123

 12.0261, 0.4275,
0.5108

 204.5780, 0.3682,
0.4068

 6.7615, 0.4422,
0.5431

249.1498, 0.3649,
0.4018

 3.3134, 0.4382,
0.5618

299.7666, 0.3620,

 1.2974, 0.4196,

0.3975

0.5804

356.8127, 0.3593,
0.3937

■ 0.1392, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9381, 0.3928,
0.4451

■ 58.9381, 0.3928,
0.4451

■ 57.7387, 0.4060,
0.4627

■ 60.2622, 0.3780,
0.4246

■ 56.6471, 0.4171,
0.4767


■ 61.7104, 0.3624,
0.4023

■ 55.6562, 0.4256,
0.4863

■ 63.2925, 0.3464,
0.3791


■ 54.7542, 0.4314,
0.4916

■ 65.0150, 0.3306,
0.3559

 54.0703, 0.4344,
0.4933

 66.8838, 0.3155,
0.3332

 68.9046, 0.3012,
0.3115

 71.0828, 0.2879,
0.2911

 72.1242, 0.2867,
0.2908

 73.0343, 0.2867,
0.2927

Harmonies

Analogous

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



58.9381, 0.4364, 0.4082



58.9381, 0.3928, 0.4451



58.9381, 0.3304, 0.4498

Triad

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



58.9381, 0.3928, 0.4451



58.9381, 0.1956, 0.2765



58.9381, 0.3517, 0.2647

Complementary

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



58.9381, 0.3928, 0.4451



19.3271, 0.2159, 0.1774

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.



58.9381, 0.2834, 0.2351



58.9381, 0.3928, 0.4451



58.9381, 0.1998, 0.2377

Square

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



58.9381, 0.3928, 0.4451



58.9381, 0.2183, 0.3398



58.9381, 0.2298, 0.2249



58.9381, 0.4141, 0.3082

Rectangle

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



58.9381, 0.3928, 0.4451



58.9381, 0.2868, 0.4273



58.9381, 0.2298, 0.2249



58.9381, 0.3283, 0.2530

Sweetspot

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



58.9408, 0.3928, 0.4451



95.5516, 0.3373, 0.3658



25.1722, 0.4492, 0.3183



20.3383, 0.3406, 0.3706



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.



58.9408, 0.3928, 0.4451



85.7293, 0.4069, 0.4639



57.3746, 0.3502, 0.4717



14.3395, 0.3268, 0.3502



32.7517, 0.4342, 0.4935



2.0276, 0.4313, 0.4957

Inverse Universe

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



19.3271, 0.2159, 0.1774



20.8486, 0.1947, 0.1423



20.9680, 0.2526, 0.1800



12.1689, 0.2981, 0.3069



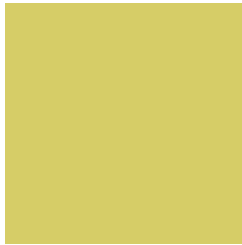
3.2449, 0.1516, 0.0657



0.2533, 0.1562, 0.0823

Previews

White Background



This preview shows how the Yxy color 58.9381, 0.3928, 0.4451 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 58.9381, 0.3928, 0.4451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

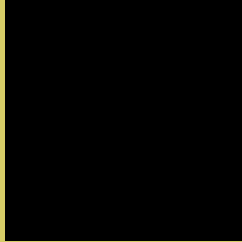
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9381, 0.3928, 0.4451

Background



This preview shows how black text looks on a background with the Yxy color 58.9381, 0.3928, 0.4451.



This preview shows how white text looks on a background with the Yxy color 58.9381, 0.3928, 0.4451.

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

58.9381, 0.3928, 0.4451

Protanopia

58.8883, 0.4028, 0.4397

Deuteranopia

58.5140, 0.4269, 0.4177



Tritanopia

58.7015, 0.3272, 0.3123

Trichromacy



Original Color

58.9381, 0.3928, 0.4451

Protanomaly

58.8868, 0.3997, 0.4418

Deuteranomaly

58.6146, 0.4142, 0.4276

Tritanomaly

58.2069, 0.3532, 0.3604

Monochromacy



Original Color

58.9381, 0.3928, 0.4451

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1520, 0.3438, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9381, 0.3928, 0.4451 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(214, 205, 103)` looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 103)  
}
```

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(214, 205, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 103) }
```

Border

The CSS property to change the border of an element to Yxy 58.9381, 0.3928, 0.4451 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(214, 205, 103) }
```

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

```
.border{ border-color:rgb(214, 205, 103) }
```

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

Here you see how a box with a 4 pixel rgb(214, 205, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 103);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9381, 0.3928, 0.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 103) }
```

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

```
.background{ background-color: rgb(214,  
205, 103) }
```

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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