

Converting Colors

Yxy(58.2364, 0.4290, 0.4957)

Have a look what the booklet for
Yxy(58.2364, 0.4290, 0.4957)
contains.

Yxy(58.4341, 0.4286, 0.4960)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4341, 0.4286, 0.4960)

Conversions

Conversions Part 1

Format	Color
Hex	D9CD09
RGB	217, 205, 9
RGB Percent	85%, 80%, 4%
CMY	0.1491, 0.1960, 0.9637
CMYK	0.00, 0.06, 0.96, 0.15
HSL	57°, 92%, 44%
HSV	57°, 96%, 85%
XYZ	50.4937, 58.4341, 8.8829
YIQ	186.2440, 70.0680, -58.4120

Conversions

Conversions Part 2

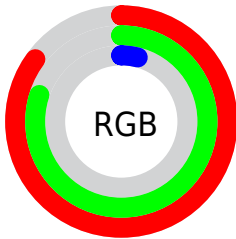
Format	Color
R _Y B	22, 217, 9
Decimal	14273801
CIE Lab	80.98, -13.06, 80.46
CIE LCh	81, 81.518, 99.222
Yxy	58.4341, 0.4286, 0.4960
Android (android.graphics.Color)	4292463881 (0xFFD9CD09)
YUV	186.2440, -87.3813, 26.9730
Hunter-Lab	76.4422, -15.8662, 46.6198

Details

The Yxy color **58.4341, 0.4286, 0.4960** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **5.6139, 0.1527, 0.0664**, and the grayscale version is **49.7349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4846, 0.4031, 0.4785**, and **29.3013, 0.4260, 0.4999** is the 20% darker color. If you saturate the color by 10%, you get **58.1615, 0.4299, 0.4969**, and if you desaturate by 10%, it is **59.1162, 0.4245, 0.4921**.

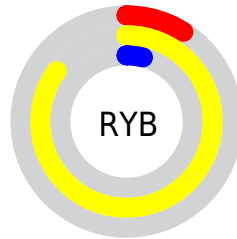
Distribution



Red (85%)

Green (80%)

Blue (4%)



Red (9%)

Yellow (85%)

Blue (4%)

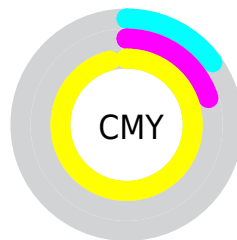


Cyan (0%)

Magenta (6%)

Yellow (96%)

Black (15%)



Cyan (15%)


Magenta (20%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4341, 0.4286, 0.4960 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 58.4341, 0.4286, 0.4960 by changing the saturation by 10% instead.


 58.4341, 0.4286,
0.4960


 58.4341, 0.4286,
0.4960


418.8015, 0.3826,
0.4228


 42.1577, 0.4353,
0.5094


 102.5547, 0.4154,
0.4728


 29.2248, 0.4414,
0.5238


 131.1678, 0.4094,
0.4631

 19.2510, 0.4461,
0.5393


 164.6619, 0.4038,
0.4544

 11.8518, 0.4465,
0.5535

 203.4214, 0.3988,
0.4466

 6.6428, 0.4376,
0.5624

 247.8307, 0.3942,
0.4397

 3.2397, 0.4238,
0.5762

 298.2743, 0.3900,

 1.2581, 0.3993,

0.4335

0.6007

355.1364, 0.3861,
0.4279

■ 0.1084, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4341, 0.4286,
0.4960

■ 58.4341, 0.4286,
0.4960

■ 58.1615, 0.4299,
0.4969

■ 59.1162, 0.4245,
0.4921

■ 59.8771, 0.4177,
0.4840

■ 60.7329, 0.4083,
0.4714

■ 61.6946, 0.3965,
0.4549

■ 62.7713, 0.3828,
0.4351

■ 63.9715, 0.3678,
0.4130

■ 65.3025, 0.3522,
0.3896

■ 66.7713, 0.3365,
0.3657

■ 68.3843, 0.3212,
0.3421

Harmonies

Analogous

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



58.4341, 0.4971, 0.4279



58.4341, 0.4286, 0.4960



58.4341, 0.3366, 0.5255

Triad

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



58.4341, 0.4286, 0.4960



58.4341, 0.1447, 0.2488



58.4341, 0.3630, 0.2311

Complementary

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



58.4341, 0.4286, 0.4960



5.6139, 0.1527, 0.0664

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.



58.4341, 0.2594, 0.1925



58.4341, 0.4286, 0.4960



58.4341, 0.1495, 0.1951

Square

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



58.4341, 0.4286, 0.4960



58.4341, 0.1747, 0.3490



58.4341, 0.1868, 0.1792



58.4341, 0.4652, 0.2886

Rectangle

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



58.4341, 0.4286, 0.4960



58.4341, 0.2730, 0.4979



58.4341, 0.1868, 0.1792



58.4341, 0.3263, 0.2157

Sweetspot

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



58.4369, 0.4286, 0.4960



93.4284, 0.3578, 0.3979



15.0127, 0.6266, 0.3259



19.8220, 0.3645, 0.4080



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.



58.4369, 0.4286, 0.4960



83.7569, 0.4300, 0.4968



54.1478, 0.3475, 0.5599



15.1285, 0.3268, 0.3508



35.2680, 0.4297, 0.4970



2.3248, 0.4278, 0.4985

Inverse Universe

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



5.6139, 0.1527, 0.0664



7.5532, 0.1507, 0.0625



7.8783, 0.1937, 0.0857



12.7370, 0.2981, 0.3062



3.2496, 0.1511, 0.0638



0.2539, 0.1543, 0.0753

Previews

White Background



This preview shows how the Yxy color 58.4341, 0.4286, 0.4960 looks on a white background.

Color Contrast Check

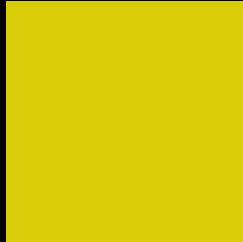
Large Text (above 18pt) WCAG AA × Fail

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 58.4341, 0.4286, 0.4960 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 58.4341, 0.4286, 0.4960

Background



This preview shows how black text looks on a background with the Yxy color 58.4341, 0.4286, 0.4960.



This preview shows how white text looks on a background with the Yxy color 58.4341, 0.4286, 0.4960.

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

58.4341, 0.4286, 0.4960

Protanopia

58.5829, 0.4399, 0.4879

Deuteranopia

58.4262, 0.4685, 0.4582



Tritanopia

58.4924, 0.3339, 0.3136

Trichromacy



Original Color

58.4341, 0.4286, 0.4960

Protanomaly

58.4152, 0.4356, 0.4909

Deuteranomaly

58.2386, 0.4550, 0.4718

Tritanomaly

57.2086, 0.3853, 0.4001

Monochromacy



Original Color

58.4341, 0.4286, 0.4960

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

51.4154, 0.3709, 0.4182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4341, 0.4286, 0.4960 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(217, 205, 9)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 9)  
}
```

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(217, 205, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 9) }
```

Border

The CSS property to change the border of an element to Yxy 58.4341, 0.4286, 0.4960 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(217, 205, 9) }
```

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

```
.border{ border-color:rgb(217, 205, 9) }
```

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

Here you see how a box with a 4 pixel rgb(217, 205, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 9);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4341, 0.4286, 0.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 9) }
```

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

```
.background{ background-color: rgb(217,  
205, 9) }
```

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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