

Converting Colors

Yxy(54.2164, 0.4379, 0.4905)

Have a look what the booklet for
Yxy(54.2164, 0.4379, 0.4905)
contains.

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Color

Yxy(54.2316, 0.4376, 0.4908)

Conversions

Conversions Part 1

Format	Color
Hex	D9C400
RGB	217, 196, 0
RGB Percent	85%, 77%, 0%
CMY	0.1490, 0.2313, 1.0000
CMYK	0.00, 0.10, 1.00, 0.15
HSL	54°, 100%, 43%
HSV	54°, 100%, 85%
XYZ	48.3532, 54.2316, 7.9115
YIQ	179.9350, 75.4320, -56.5040

Conversions

Conversions Part 2

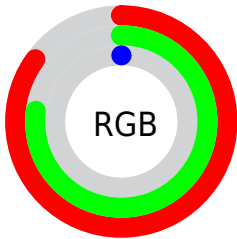
Format	Color
R _Y B	23, 217, 0
Decimal	14271488
CIE Lab	78.60, -8.60, 79.64
CIE LCh	79, 80.103, 96.161
Yxy	54.2316, 0.4376, 0.4908
Android (android.graphics.Color)	4292461568 (0xFFD9C400)
YUV	179.9350, -88.7080, 32.5060
Hunter-Lab	73.6421, -11.6711, 45.1798

Details

The Yxy color **54.2316, 0.4376, 0.4908** 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 **5.5454, 0.1516, 0.0657**, and the grayscale version is **46.0621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5209, 0.4063, 0.4788**, and **26.8130, 0.4356, 0.4923** is the 20% darker color. If you saturate the color by 10%, you get **54.2347, 0.4376, 0.4908**, and if you desaturate by 10%, it is **55.2450, 0.4332, 0.4887**.

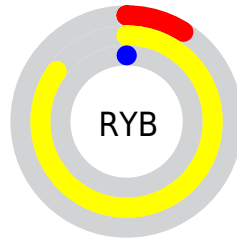
Distribution



Red (85%)

Green (77%)

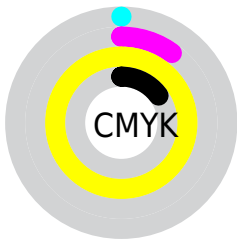
Blue (0%)



Red (9%)

Yellow (85%)

Blue (0%)

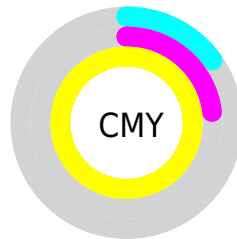


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (23%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2316, 0.4376, 0.4908 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 54.2316, 0.4376, 0.4908 by changing the saturation by 10% instead.


 54.2316, 0.4376,
0.4908


 54.2316, 0.4376,
0.4908


402.9926, 0.3867,
0.4204


 38.7869, 0.4454,
0.5034


 96.4142, 0.4227,
0.4688


 26.5940, 0.4525,
0.5164


 123.9209, 0.4160,
0.4594


 17.2685, 0.4597,
0.5314


 156.2170, 0.4099,
0.4510

 10.4261, 0.4595,
0.5405

 193.6869, 0.4043,
0.4435

 5.6824, 0.4531,
0.5469

 236.7150, 0.3993,
0.4368

 2.6529, 0.4430,
0.5570

 285.6857, 0.3947,

 0.9533, 0.4215,

0.4307

0.5785

340.9834, 0.3905,
0.4253

■ 0.0000, 0.0000,
0.0000

■ 54.2316, 0.4376,
0.4908

■ 54.2316, 0.4376,
0.4908

■ 54.2347, 0.4376,
0.4908

■ 55.2450, 0.4332,
0.4887

■ 56.3324, 0.4265,
0.4829

■ 57.5180, 0.4170,
0.4725

■ 58.8135, 0.4051,
0.4580

■ 60.2291, 0.3911,
0.4400

■ 61.7732, 0.3758,
0.4193

■ 63.4539, 0.3597,
0.3970

■ 65.2782, 0.3436,
0.3741

■ 67.2528, 0.3278,
0.3512

Harmonies

Analogous

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



54.2316, 0.5028, 0.4207



54.2316, 0.4376, 0.4908



54.2316, 0.3464, 0.5274

Triad

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



54.2316, 0.4376, 0.4908



54.2316, 0.1451, 0.2562



54.2316, 0.3519, 0.2255

Complementary

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



54.2316, 0.4376, 0.4908



5.5454, 0.1516, 0.0657

Split Complementary

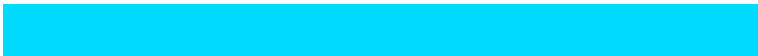
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.2316, 0.2499, 0.1892



54.2316, 0.4376, 0.4908



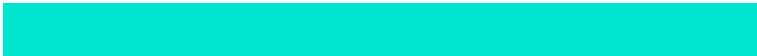
54.2316, 0.1467, 0.1978

Square

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



54.2316, 0.4376, 0.4908



54.2316, 0.1791, 0.3616



54.2316, 0.1806, 0.1785



54.2316, 0.4574, 0.2818

Rectangle

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



54.2316, 0.4376, 0.4908



54.2316, 0.2821, 0.5065



54.2316, 0.1806, 0.1785



54.2316, 0.3153, 0.2108

Sweetspot

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



54.2347, 0.4376, 0.4908



91.3844, 0.3602, 0.3976



14.8078, 0.6299, 0.3244



19.3346, 0.3670, 0.4072



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.



54.2347, 0.4376, 0.4908



78.0417, 0.4377, 0.4906



54.3848, 0.3505, 0.5599



15.0373, 0.3269, 0.3499



32.9187, 0.4373, 0.4910



2.1965, 0.4340, 0.4936

Inverse Universe

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



5.5454, 0.1516, 0.0657



7.9009, 0.1514, 0.0651



7.0260, 0.1834, 0.0784



12.8187, 0.2981, 0.3072



3.4265, 0.1519, 0.0669



0.2928, 0.1570, 0.0853

Previews

White Background



This preview shows how the Yxy color 54.2316, 0.4376, 0.4908 looks on a white background.

Color Contrast Check

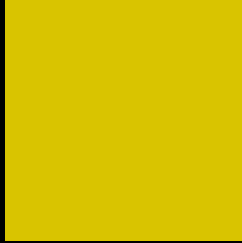
Large Text (above 18pt) WCAG AA × Fail

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 54.2316, 0.4376, 0.4908 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 54.2316, 0.4376, 0.4908

Background



This preview shows how black text looks on a background with the Yxy color 54.2316, 0.4376, 0.4908.

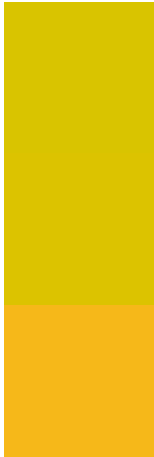


This preview shows how white text looks on a background with the Yxy color 54.2316, 0.4376, 0.4908.

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

54.2316, 0.4376, 0.4908

Protanopia

54.2459, 0.4411, 0.4880

Deuteranopia

53.9440, 0.4701, 0.4584



Tritanopia

54.0994, 0.3417, 0.3133

Trichromacy



Original Color

54.2316, 0.4376, 0.4908

Protanomaly

54.0903, 0.4402, 0.4887

Deuteranomaly

53.6660, 0.4587, 0.4704

Tritanomaly

53.0289, 0.3966, 0.4005

Monochromacy



Original Color

54.2316, 0.4376, 0.4908

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.6931, 0.3757, 0.4201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2316, 0.4376, 0.4908 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, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 0)  
}
```

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, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 0) }
```

Border

The CSS property to change the border of an element to Yxy 54.2316, 0.4376, 0.4908 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, 196, 0) }
```

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

```
.border{ border-color:rgb(217, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 196,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2316, 0.4376, 0.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 0) }
```

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

```
.background{ background-color: rgb(217,  
196, 0) }
```

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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