

Converting Colors

Yxy(61.8682, 0.4336, 0.4896)

Have a look what the booklet for
Yxy(61.8682, 0.4336, 0.4896)
contains.

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Color

Yxy(61.6562, 0.4339, 0.4893)

Conversions

Conversions Part 1

Format	Color
Hex	E4D014
RGB	228, 208, 20
RGB Percent	89%, 82%, 8%
CMY	0.1059, 0.1843, 0.9218
CMYK	0.00, 0.09, 0.91, 0.11
HSL	54°, 84%, 49%
HSV	54°, 91%, 89%
XYZ	54.6753, 61.6562, 9.6775
YIQ	192.5480, 72.2680, -54.2280

Conversions

Conversions Part 2

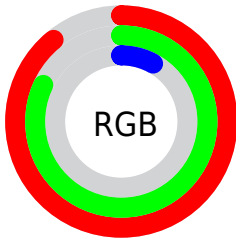
Format	Color
R _Y B	42, 228, 20
Decimal	14995476
CIE Lab	82.73, -9.73, 80.97
CIE LCh	83, 81.552, 96.850
Yxy	61.6562, 0.4339, 0.4893
Android (android.graphics.Color)	4293185556 (0xFFE4D014)
YUV	192.5480, -85.0662, 31.0914
Hunter-Lab	78.5215, -13.1212, 47.6577

Details

The Yxy color **61.6562, 0.4339, 0.4893** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **7.2619, 0.1562, 0.0754**, and the grayscale version is **53.5237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5527, 0.4017, 0.4761**, and **31.4360, 0.4346, 0.4931** is the 20% darker color. If you saturate the color by 10%, you get **60.6803, 0.4375, 0.4908**, and if you desaturate by 10%, it is **62.8568, 0.4276, 0.4841**.

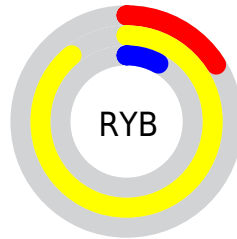
Distribution



Red (89%)

Green (82%)

Blue (8%)



Red (16%)

Yellow (89%)

Blue (8%)

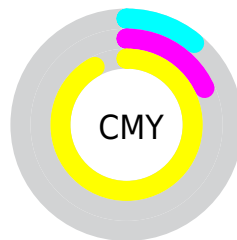


Cyan (0%)

Magenta (9%)

Yellow (91%)

Black (11%)



Cyan (11%)


Magenta (18%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6562, 0.4339, 0.4893 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 61.6562, 0.4339, 0.4893 by changing the saturation by 10% instead.


 61.6562, 0.4339,
0.4893


 61.6562, 0.4339,
0.4893

430.6759, 0.3855,
0.4205

 44.7550, 0.4414,
0.5017


 107.2285, 0.4197,
0.4678

 31.2645, 0.4484,
0.5148


 136.6683, 0.4134,
0.4586


 20.8003, 0.4542,
0.5282


 171.0565, 0.4076,
0.4505

 12.9781, 0.4580,
0.5420

 210.7774, 0.4023,
0.4431

 7.4135, 0.4519,
0.5481

 256.2153, 0.3975,
0.4366

 3.7220, 0.4425,
0.5575

 307.7548, 0.3931,

 1.5193, 0.4265,

0.4306

0.5735

365.7802, 0.3891,
0.4253

■ 0.3023, 0.1416,
0.8584

■ 0.0000, 0.0000,
0.0000

■ 61.6562, 0.4339,
0.4893

■ 61.6562, 0.4339,
0.4893

■ 60.6803, 0.4375,
0.4908

■ 62.8568, 0.4276,
0.4841

■ 64.1625, 0.4185,
0.4744

■ 65.5899, 0.4069,
0.4604

■ 67.1504, 0.3931,
0.4427

■ 68.8542, 0.3779,
0.4223

■ 70.7101, 0.3619,
0.4001

■ 72.7263, 0.3457,
0.3771

■ 74.9104, 0.3298,
0.3541

■ 77.2693, 0.3146,
0.3317

Harmonies

Analogous

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



61.6562, 0.4981, 0.4215



61.6562, 0.4339, 0.4893



61.6562, 0.3442, 0.5224

Triad

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



61.6562, 0.4339, 0.4893



61.6562, 0.1479, 0.2564



61.6562, 0.3536, 0.2286

Complementary

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



61.6562, 0.4339, 0.4893



7.2619, 0.1562, 0.0754

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.



61.6562, 0.2533, 0.1923



61.6562, 0.4339, 0.4893



61.6562, 0.1501, 0.1998

Square

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



61.6562, 0.4339, 0.4893



61.6562, 0.1808, 0.3583



61.6562, 0.1844, 0.1813



61.6562, 0.4559, 0.2845

Rectangle

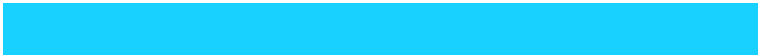
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6562, 0.4339, 0.4893



61.6562, 0.2812, 0.5000



61.6562, 0.1844, 0.1813



61.6562, 0.3178, 0.2140

Sweetspot

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



61.6591, 0.4339, 0.4893



92.1841, 0.3553, 0.3908



17.1496, 0.6106, 0.3208



19.5442, 0.3608, 0.3986



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.



61.6591, 0.4339, 0.4893



78.1348, 0.4376, 0.4907



61.5330, 0.3543, 0.5519



16.5680, 0.3270, 0.3500



35.1376, 0.4372, 0.4911



2.6657, 0.4343, 0.4934

Inverse Universe

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



7.2619, 0.1562, 0.0754



7.8939, 0.1514, 0.0650



8.9925, 0.1930, 0.0874



14.1087, 0.2980, 0.3071



3.6399, 0.1519, 0.0667



0.3454, 0.1564, 0.0830

Previews

White Background



This preview shows how the Yxy color 61.6562, 0.4339, 0.4893 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 61.6562, 0.4339, 0.4893 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 61.6562, 0.4339, 0.4893

Background



This preview shows how black text looks on a background with the Yxy color 61.6562, 0.4339, 0.4893.

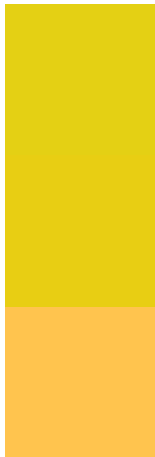


This preview shows how white text looks on a background with the Yxy color 61.6562, 0.4339, 0.4893.

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

61.6562, 0.4339, 0.4893

Protanopia

61.3454, 0.4390, 0.4855

Deuteranopia

61.2899, 0.4473, 0.4397



Tritanopia

61.2193, 0.3394, 0.3130

Trichromacy



Original Color

61.6562, 0.4339, 0.4893

Protanomaly

61.6616, 0.4373, 0.4869

Deuteranomaly

61.0164, 0.4453, 0.4601

Tritanomaly

60.1145, 0.3892, 0.3931

Monochromacy



Original Color

61.6562, 0.4339, 0.4893

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.1217, 0.3709, 0.4115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6562, 0.4339, 0.4893 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(228, 208, 20)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 20)  
}
```

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(228, 208, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 20) }
```

Border

The CSS property to change the border of an element to Yxy 61.6562, 0.4339, 0.4893 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(228, 208, 20) }
```

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

```
.border{ border-color:rgb(228, 208, 20) }
```

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

Here you see how a box with a 4 pixel rgb(228, 208, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 20);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6562, 0.4339, 0.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 20) }
```

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

```
.background{ background-color: rgb(228,  
208, 20) }
```

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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