

Converting Colors

YUV(61.6170, 51.4608, 14.3679)

Have a look what the booklet for
YUV(61.6170, 51.4608, 14.3679)
contains.

YUV(61.6170, 51.4608, 14.3679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.6170, 51.4608,
14.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	4E21A6
RGB	78, 33, 166
RGB Percent	31%, 13%, 65%
CMY	0.6941, 0.8706, 0.3490
CMYK	0.53, 0.80, 0.00, 0.35
HSL	260°, 67%, 39%
HSV	260°, 80%, 65%
XYZ	10.5687, 5.4606, 36.5734
YIQ	61.6170, -15.8730, 50.9030

Conversions

Conversions Part 2

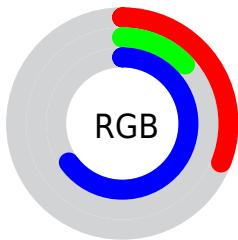
Format	Color
RYB	78, 33, 166
Decimal	5120422
CIELab	28.01, 50.74, -63.15
CIElCh	28, 81.010, 308.783
Yxy	5.4606, 0.2009, 0.1038
Android (android.graphics.Color)	4283310502 (0xFF4E21A6)
YUV	61.6170, 51.4608, 14.3679
Hunter-Lab	23.3679, 39.8369, -76.4379

Details

The YUV color **61.6170, 51.4608, 14.3679** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **137.3830, -51.4608, -14.3679**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2800, 52.6130, 18.1714**, and **12.8820, 49.3582, -11.2975** is the 20% darker color. If you saturate the color by 10%, you get **48.3490, 58.0019, 16.3569**, and if you desaturate by 10%, it is **74.8850, 44.9197, 12.3789**.

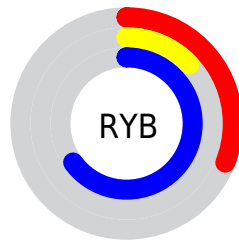
Distribution



Red (31%)

Green (13%)

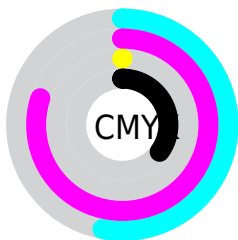
Blue (65%)



Red (31%)

Yellow (13%)

Blue (65%)

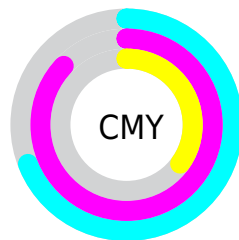


Cyan (53%)

Magenta (80%)

Yellow (0%)

Black (35%)



Cyan (69%)

Magenta (87%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6170, 51.4608, 14.3679 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 YUV color 61.6170, 51.4608, 14.3679 by changing the saturation by 10% instead.

61.6170, 51.4608,
14.3679

61.6170, 51.4608,
14.3679

255.0000, 0.0000,
0.0000

31.6600, 52.9186,
13.4532

115.2800, 52.6130,
18.1714

12.8820, 49.3582,
-11.2975

141.9320, 53.7705,
20.2306

9.9180, 38.0014,
-8.6981

166.9080, 43.4294,
23.7597

10.7040, 25.7819,
-9.3874

191.7270, 31.1936,
28.3034

6.3210, 16.6037,
-5.5435

216.5460, 18.9578,
32.8472

2.6390, 7.5730,
-2.3144

233.8680, 10.4181,

0.0000, 0.0000,

18.5328

0.0000

250.8910, 2.0257,
3.6036

61.6170, 51.4608,
14.3679

61.6170, 51.4608,
14.3679

48.3490, 58.0019,
16.3569

74.8850, 44.9197,
12.3789

35.6680, 64.2537,
17.8312

87.5660, 38.6680,
10.9046

100.8340, 32.1268,
8.9156

113.5150, 25.8751,
7.4413

126.7830, 19.3340,
5.4523

■ 140.0510, 12.7929,
3.4633

■ 152.7320, 6.5411,
1.9890

■ 166.0000, 0.0000,
0.0000

■ 178.6810, -6.2517,
-1.4742

Harmonies

Analogous

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



63.7930, 64.1921, -55.9465



61.6170, 51.4608, 14.3679



57.1340, 27.5419, 79.6895

Triad

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



61.6170, 51.4608, 14.3679



60.5120, -29.8324, 48.6630



61.2320, 11.2246, -53.7005

Complementary

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



61.6170, 51.4608, 14.3679



137.3830, -51.4608, -14.3679

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.



51.9640, -19.2093, -45.5724



61.6170, 51.4608, 14.3679



60.5250, -29.8388, 3.9246

Square

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



61.6170, 51.4608, 14.3679



45.4480, -22.4059, 93.4461



47.5470, -23.4407, -41.6987



68.7730, 37.5799, -60.3139

Rectangle

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



61.6170, 51.4608, 14.3679



57.2440, 7.2747, 93.6250



47.5470, -23.4407, -41.6987



58.1370, 1.9045, -50.9861

Sweetspot

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



61.6170, 51.4608, 14.3679



176.0110, 20.2076, 5.2524



100.4050, 32.3383, -59.1142



84.9370, 12.3561, 3.5633



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6170, 51.4608, 14.3679



53.6420, 80.5355, 22.2390



81.3510, 41.7320, 54.9432



77.8090, 3.0522, 1.0445



31.8220, 57.2758, 15.9421



4.3730, 7.7041, 2.3039

Inverse Universe

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



82.7990, 18.8331, 72.9673



86.8100, 29.1807, 114.1766



117.6490, -41.7320, -54.9432



78.9620, 1.0047, 4.4183



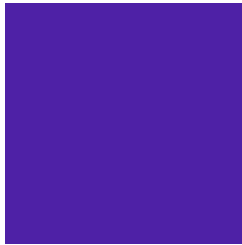
55.4240, 20.9900, 81.1892



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 61.6170, 51.4608, 14.3679 looks on a white 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

Black Background



This preview shows how the YUV color 61.6170, 51.4608, 14.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

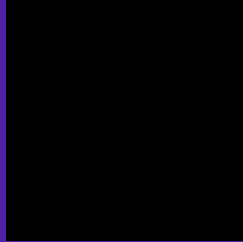
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6170, 51.4608, 14.3679

Background



This preview shows how black text looks on a background with the YUV color 61.6170, 51.4608, 14.3679.



This preview shows how white text looks on a background with the YUV color 61.6170, 51.4608,

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

61.6170, 51.4608, 14.3679

Protanopia

53.0720, 40.8835, -46.5441

Deuteranopia

53.7270, 30.7006, -47.1186



Tritanopia

64.4050, 5.7163, -13.5102

Trichromacy



Original Color

61.6170, 51.4608, 14.3679

Protanomaly

56.2410, 44.7442, -24.7674

Deuteranomaly

56.5200, 38.1976, -25.0120

Tritanomaly

63.8250, 22.2713, -3.3545

Monochromacy



Original Color

61.6170, 51.4608, 14.3679

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6690, 18.8972, 5.5523

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6170, 51.4608, 14.3679 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(78, 33, 166)` looks like.

```
.text, #text, p{  
    color:rgb(78, 33, 166)  
}
```

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(78, 33, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 33, 166) }
```

Border

The CSS property to change the border of an element to YUV 61.6170, 51.4608, 14.3679 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(78, 33, 166) }
```


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

```
.border{ border-color:rgb(78, 33, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 33, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 33, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 33, 166);  
box-shadow:4px 4px 4px 4px rgb(78, 33,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 61.6170, 51.4608, 14.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 33, 166) }
```

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

```
.background{ background-color: rgb(78, 33,  
166) }
```

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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