

Converting Colors

YUV(117.4670, 28.3638,
-44.2596)

Have a look what the booklet for
YUV(117.4670, 28.3638, -44.2596)
contains.

YUV(117.4670, 28.3638, -44.2596)	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(117.4670, 28.3638,
-44.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	4384AF
RGB	67, 132, 175
RGB Percent	26%, 52%, 69%
CMY	0.7373, 0.4824, 0.3137
CMYK	0.62, 0.25, 0.00, 0.31
HSL	204°, 45%, 47%
HSV	204°, 62%, 69%
XYZ	18.3039, 20.7910, 43.6058
YIQ	117.4670, -52.5430, -0.4070

Conversions

Conversions Part 2

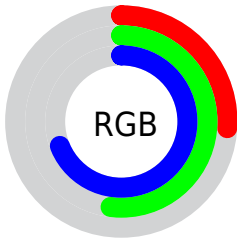
Format	Color
R _{YB}	67, 108, 175
Decimal	4424879
CIE _{Lab}	52.72, -7.47, -28.94
CIE _{LCh}	53, 29.886, 255.529
Y _{xy}	20.7910, 0.2213, 0.2514
Android (android.graphics.Color)	4282614959 (0xFF4384AF)
YUV	117.4670, 28.3638, -44.2596
Hunter-Lab	45.5971, -8.1404, -24.7827

Details

The YUV color **117.4670, 28.3638, -44.2596** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **124.5330, -28.3638, 44.2596**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0050, 29.0845, -42.1004**, and **62.6290, 29.2699, -54.9256** is the 20% darker color. If you saturate the color by 10%, you get **108.2750, 32.8954, -51.1072**, and if you desaturate by 10%, it is **126.9580, 23.6847, -36.7972**.

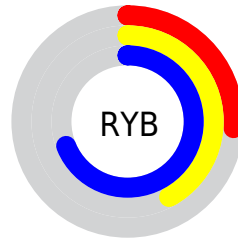
Distribution



Red (26%)

Green (52%)

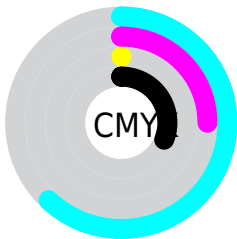
Blue (69%)



Red (26%)

Yellow (42%)

Blue (69%)

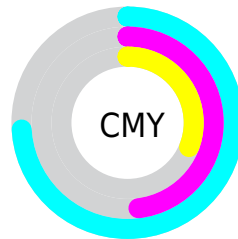


Cyan (62%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (74%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4670, 28.3638, -44.2596 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 117.4670, 28.3638, -44.2596 by changing the saturation by 10% instead.

■ 117.4670, 28.3638,
-44.2596

■ 117.4670, 28.3638,
-44.2596

■ 255.0000, 0.0000,
0.0000

■ 89.8470, 28.6694,
-48.9778

■ 172.0050, 29.0845,
-42.1004

■ 62.6290, 29.2699,
-54.9256

■ 199.8480, 27.1899,
-41.0857

■ 46.2780, 25.0059,
-40.5858

■ 224.6560, 14.9596,
-38.2863

■ 30.6280, 20.8894,
-26.8608

■ 241.5450, 6.6333,
-27.6650

■ 16.2660, 16.6309,
-14.2653

■ 250.5150, 2.2111,
-9.2217

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 117.4670, 28.3638,
-44.2596

■ 117.4670, 28.3638,
-44.2596

■ 108.2750, 32.8954,
-51.1072

■ 126.9580, 23.6847,
-36.7972

■ 98.7840, 37.5745,
-58.5696

■ 136.1500, 19.1531,
-29.9495

■ 89.5920, 42.1061,
-65.4172

■ 145.6410, 14.4740,
-22.4872

■ 81.5850, 46.0536,
-71.5500

■ 154.8330, 9.9423,
-15.6395

■ 164.3240, 5.2633,
-8.1771

■ 173.5160, 0.7316,
-1.3295

■ 183.0070, -3.9475,
6.1329

■ 192.1990, -8.4791,
12.9805

■ 201.6900,
-13.1582, 20.4429

Harmonies

Analogous

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



106.0630, 27.5769, -71.9693



117.4670, 28.3638, -44.2596



125.6280, 24.3404, -13.7058

Triad

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



117.4670, 28.3638, -44.2596



127.7280, -7.2609, 42.3345



119.5900, -15.0809, -16.3034

Complementary

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



117.4670, 28.3638, -44.2596



124.5330, -28.3638, 44.2596

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.



122.9580, -23.1503, 5.2988



117.4670, 28.3638, -44.2596



126.2470, -17.8698, 38.3714

Square

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



117.4670, 28.3638, -44.2596



128.8870, 4.9857, 34.3021



125.1500, -24.2309, 25.3015



114.6930, -1.3276, -40.9498

Rectangle

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



117.4670, 28.3638, -44.2596



128.1960, 19.6234, 5.9671



125.1500, -24.2309, 25.3015



120.7220, -18.5969, -8.5262

Sweetspot

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



117.4670, 28.3638, -44.2596



204.1640, 11.2581, -17.6838



135.0700, -13.3455, -59.6974



100.4700, 7.1633, -10.9362



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



117.4670, 28.3638, -44.2596



137.4390, 44.1536, -68.7910



86.9430, 43.4121, -17.4900



81.9610, 2.4842, -3.4738



70.5170, 39.1851, -61.8434



10.8400, 5.9949, -9.5067

Inverse Universe

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



106.7020, 12.4719, 59.8973



120.7460, 19.3522, 93.1848



155.0570, -43.4121, 17.4900



81.2610, 0.8573, 5.0331



55.2240, 17.6376, 83.1186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 117.4670, 28.3638, -44.2596 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.4670, 28.3638, -44.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

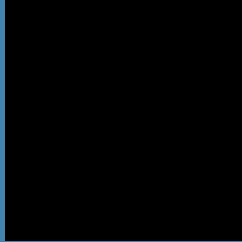
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.4670, 28.3638, -44.2596

Background



This preview shows how black text looks on a background with the YUV color 117.4670, 28.3638, -44.2596.

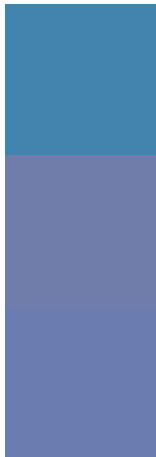


This preview shows how white text looks on a background with the YUV color 117.4670, 28.3638, -44.2596.

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

117.4670, 28.3638, -44.2596

Protanopia

125.5420, 21.4248, -11.8763

Deuteranopia

124.9590, 25.6562, -15.7500



Tritanopia

113.4370, 17.0396, -52.1262

Trichromacy



Original Color

117.4670, 28.3638, -44.2596

Protanomaly

122.7470, 23.7887, -23.4571

Deuteranomaly

122.1210, 26.5623, -26.4161

Tritanomaly

114.8980, 21.2493, -49.0225

Monochromacy



Original Color

117.4670, 28.3638, -44.2596

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9470, 10.3791, -15.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4670, 28.3638, -44.2596 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(67, 132, 175)` looks like.

```
.text, #text, p{  
    color:rgb(67, 132, 175)  
}
```

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(67, 132, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 132, 175) }
```

Border

The CSS property to change the border of an element to YUV 117.4670, 28.3638, -44.2596 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(67, 132, 175) }
```


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

```
.border{ border-color:rgb(67, 132, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 132, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 132, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 132, 175);  
box-shadow:4px 4px 4px 4px rgb(67, 132,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 117.4670, 28.3638, -44.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 132, 175) }
```

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

```
.background{ background-color: rgb(67, 132,  
175) }
```

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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