

Converting Colors

YUV(117.0590, 13.7749,
-31.6237)

Have a look what the booklet for
YUV(117.0590, 13.7749, -31.6237)
contains.

YUV(117.0590, 13.7749, -31.6237)	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(117.0590, 13.7749,
-31.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	518291
RGB	81, 130, 145
RGB Percent	32%, 51%, 57%
CMY	0.6824, 0.4902, 0.4314
CMYK	0.44, 0.10, 0.00, 0.43
HSL	194°, 28%, 44%
HSV	194°, 44%, 57%
XYZ	16.4868, 19.7589, 29.7330
YIQ	117.0590, -34.0190, -5.7230

Conversions

Conversions Part 2

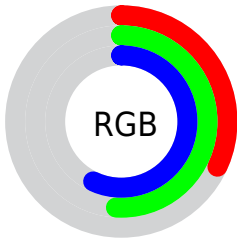
Format	Color
R_{YB}	81, 109, 145
Decimal	5341841
CIE _{Lab}	51.56, -12.37, -13.27
CIE _{LCh}	52, 18.140, 226.994
Yxy	19.7589, 0.2499, 0.2995
Android (android.graphics.Color)	4283531921 (0xFF518291)
YUV	117.0590, 13.7749, -31.6237
Hunter-Lab	44.4510, -11.5839, -8.5430

Details

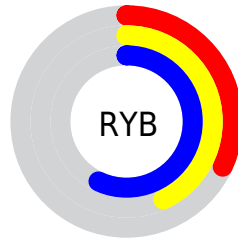
The YUV color **117.0590, 13.7749, -31.6237** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.9410, -13.7749, 31.6237**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1730, 14.2117, -31.7237**, and **66.7490, 13.9277, -33.9829** is the 20% darker color. If you saturate the color by 10%, you get **110.8130, 16.8542, -39.3010**, and if you desaturate by 10%, it is **123.3050, 10.6956, -23.9465**.

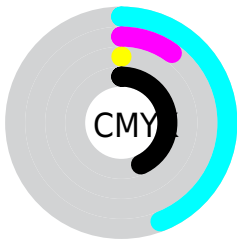
Distribution



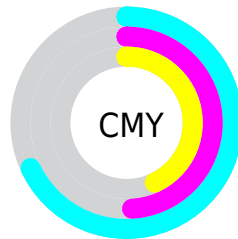
- Red (32%)
- Green (51%)
- Blue (57%)



- Red (32%)
- Yellow (43%)
- Blue (57%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (68%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0590, 13.7749, -31.6237 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 117.0590, 13.7749, -31.6237 by changing the saturation by 10% instead.

■ 117.0590, 13.7749,
-31.6237

■ 117.0590, 13.7749,
-31.6237

■ 255.0000, 0.0000,
0.0000

■ 91.6460, 13.4855,
-32.1385

■ 170.1730, 14.2117,
-31.7237

■ 66.7490, 13.9277,
-33.9829

■ 197.8740, 14.3591,
-32.3385

■ 42.1400, 14.2280,
-36.9568

■ 225.8740, 14.3591,
-32.3385

■ 26.6040, 10.5482,
-23.3317

■ 243.6380, 5.6015,
-23.3615

■ 10.2360, 8.7577,
-8.9770

■ 252.3090, 1.3267,
-5.5330

■ 0.0000, 0.0000,
0.0000

■ 117.0590, 13.7749,
-31.6237

■ 117.0590, 13.7749,
-31.6237

■ 110.8130, 16.8542,
-39.3010

■ 123.3050, 10.6956,
-23.9465

■ 104.2790, 20.0755,
-45.8487

■ 129.8390, 7.4744,
-17.3988

■ 98.0330, 23.1547,
-53.5259

■ 135.7860, 4.5425,
-10.3363

■ 91.4990, 26.3760,
-60.0736

■ 142.6190, 1.1738,
-3.1739

■ 85.5520, 29.3079,
-67.1361

■ 148.8650, -1.9054,
4.5034


■ 81.6870, 31.2133,
-71.6395

■ 154.8120, -4.8373,
11.5659

■ 161.3460, -8.0586,
18.1136

■ 167.5920,

-11.1379, 25.7908

 174.1260,
-14.3591, 32.3385

Harmonies

Analogous

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



116.3380, 7.2284, -31.8684



117.0590, 13.7749, -31.6237



120.1080, 16.2158, -21.1427

Triad

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



117.0590, 13.7749, -31.6237



125.4140, 2.2609, 21.5619



121.3520, -13.9775, 3.1993

Complementary

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



117.0590, 13.7749, -31.6237



108.9410, -13.7749, 31.6237

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.



123.2010, -14.8891, 15.6097



117.0590, 13.7749, -31.6237



125.1990, -5.0281, 26.1355

Square

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



117.0590, 13.7749, -31.6237



125.1720, 9.2822, 9.4962



124.1680, -11.4218, 23.5317



119.5290, -9.1348, -10.1109

Rectangle

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



117.0590, 13.7749, -31.6237



122.2340, 15.1676, -11.6062



124.1680, -11.4218, 23.5317



121.8580, -14.7200, 8.0175

Sweetspot

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



117.0590, 13.7749, -31.6237



178.0030, 5.4215, -12.2806



120.2780, -11.9691, -34.4468



87.7540, 3.0793, -7.6773



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.0590, 13.7749, -31.6237



145.0120, 21.6861, -49.1225



98.2750, 23.0354, -15.1502



68.3200, 1.3212, -3.7886



75.8510, 29.1605, -66.5213



4.4340, 1.7580, -3.8886

Inverse Universe

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



105.7220, 11.9691, 34.4468



127.5640, 18.4559, 53.8794



127.7250, -23.0354, 15.1502



66.7770, 1.5889, 3.7036



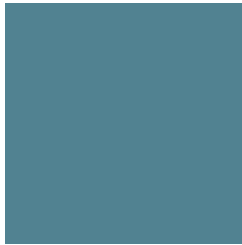
52.1070, 25.0902, 72.6972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 117.0590, 13.7749, -31.6237 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 117.0590, 13.7749, -31.6237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

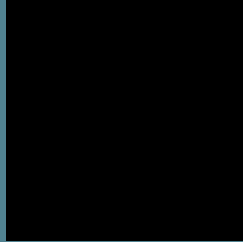
Any Text WCAG AA ✓ Pass

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 117.0590, 13.7749, -31.6237 Background



This preview shows how black text looks on a background with the YUV color 117.0590, 13.7749, -31.6237.



This preview shows how white text looks on a background with the YUV color 117.0590, 13.7749, -31.6237.

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

117.0590, 13.7749, -31.6237

Protanopia

122.4540, 8.1572, -3.0292

Deuteranopia

123.6760, 11.4987, -1.4699



Tritanopia

116.8910, 11.8857, -32.3534

Trichromacy



Original Color

117.0590, 13.7749, -31.6237

Protanomaly

120.2570, 10.2263, -13.3804

Deuteranomaly

121.4250, 12.1155, -12.6507

Tritanomaly

117.0050, 12.3225, -32.4534

Monochromacy



Original Color

117.0590, 13.7749, -31.6237

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1880, 4.8373, -11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0590, 13.7749, -31.6237 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(81, 130, 145)` looks like.

```
.text, #text, p{  
    color:rgb(81, 130, 145)  
}
```

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(81, 130, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 130, 145) }
```

Border

The CSS property to change the border of an element to YUV 117.0590, 13.7749, -31.6237 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(81, 130, 145) }
```


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

```
.border{ border-color:rgb(81, 130, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 130, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 130, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 130, 145);  
box-shadow:4px 4px 4px 4px rgb(81, 130,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 117.0590, 13.7749, -31.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 130, 145) }
```

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

```
.background{ background-color: rgb(81, 130,  
145) }
```

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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