

Converting Colors

YUV(117.1610, 19.1476,
-28.2052)

Have a look what the booklet for
YUV(117.1610, 19.1476, -28.2052)
contains.

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Color

**YUV(117.1610, 19.1476,
-28.2052)**

Conversions

Conversions Part 1

Format	Color
Hex	557E9C
RGB	85, 126, 156
RGB Percent	33%, 49%, 61%
CMY	0.6667, 0.5059, 0.3882
CMYK	0.46, 0.19, 0.00, 0.39
HSL	205°, 29%, 47%
HSV	205°, 46%, 61%
XYZ	17.2079, 19.2533, 34.2618
YIQ	117.1610, -34.0660, 0.6380

Conversions

Conversions Part 2

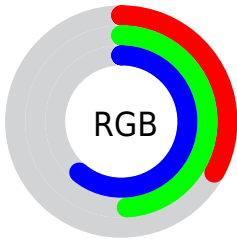
Format	Color
R _Y B	85, 111, 156
Decimal	5602972
CIE Lab	50.98, -5.86, -20.55
CIE LCh	51, 21.366, 254.082
Yxy	19.2533, 0.2433, 0.2722
Android (android.graphics.Color)	4283793052 (0xFF557E9C)
YUV	117.1610, 19.1476, -28.2052
Hunter-Lab	43.8786, -6.7850, -15.5805

Details

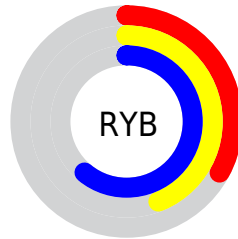
The YUV color **117.1610, 19.1476, -28.2052** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **123.8390, -19.1476, 28.2052**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3890, 20.0212, -28.4052**, and **66.7370, 18.8637, -30.4643** is the 20% darker color. If you saturate the color by 10%, you get **108.2680, 23.5319, -34.4380**, and if you desaturate by 10%, it is **126.0540, 14.7634, -21.9724**.

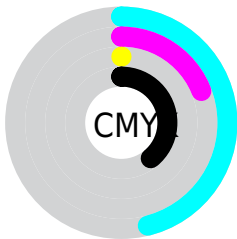
Distribution



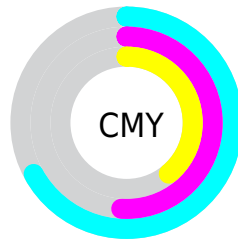
- Red (33%)
- Green (49%)
- Blue (61%)



- Red (33%)
- Yellow (44%)
- Blue (61%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1610, 19.1476, -28.2052 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 117.1610, 19.1476, -28.2052 by changing the saturation by 10% instead.

■ 117.1610, 19.1476,
-28.2052

■ 117.1610, 19.1476,
-28.2052

■ 255.0000, 0.0000,
0.0000

■ 91.7480, 18.8582,
-28.7200

■ 170.3890, 20.0212,
-28.4052

■ 66.7370, 18.8637,
-30.4643

■ 197.5030, 20.4580,
-28.5051

■ 40.8180, 19.3167,
-35.7974

■ 224.1350, 15.2164,
-27.3054

■ 25.8690, 15.3476,
-22.6871

■ 245.1330, 4.8644,
-20.2876

■ 9.3870, 13.1202,
-8.2324

■ 253.8040, 0.5896,
-2.4591

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 117.1610, 19.1476,
-28.2052

■ 117.1610, 19.1476,
-28.2052

■ 108.2680, 23.5319,
-34.4380

■ 126.0540, 14.7634,
-21.9724

■ 100.2610, 27.4793,
-40.5709

■ 134.0610, 10.8159,
-15.8395

■ 91.3680, 31.8636,
-46.8037

■ 142.9540, 6.4317,
-9.6067

■ 83.3610, 35.8110,
-52.9366

■ 150.9610, 2.4842,
-3.4738

■ 74.4680, 40.1953,
-59.1694

■ 159.8540, -1.9000,
2.7590

■ 70.6140, 42.0953,
-61.9285

■ 168.7470, -6.2843,
8.9919

■ 176.7540,
-10.2317, 15.1247

■ 185.6470,
-14.6160, 21.3576

■ 193.6540,
-18.5634, 27.4904

Harmonies

Analogous

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



113.2860, 16.1280, -39.7158



117.1610, 19.1476, -28.2052



121.5270, 17.4882, -9.2322

Triad

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



117.1610, 19.1476, -28.2052



123.5200, -5.1864, 30.2390



117.3610, -11.0240, -10.8406

Complementary

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



117.1610, 19.1476, -28.2052



123.8390, -19.1476, 28.2052

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.



119.6790, -16.6037, 5.5435



117.1610, 19.1476, -28.2052



122.5600, -12.6011, 28.4499

Square

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



117.1610, 19.1476, -28.2052



124.1800, 3.8553, 23.5211



121.3540, -16.9365, 18.9835



114.9660, -1.9552, -26.2802

Rectangle

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



117.1610, 19.1476, -28.2052



123.3930, 14.1033, 3.1633



121.3540, -16.9365, 18.9835



117.8240, -13.2242, -5.1076

Sweetspot

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



117.1610, 19.1476, -28.2052



188.2850, 7.7475, -11.6509



130.0970, -7.4428, -39.5501



92.8080, 4.5317, -6.8476



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.1610, 19.1476, -28.2052



142.9230, 30.1110, -44.6595



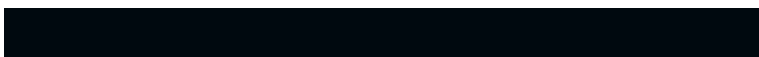
96.6160, 29.2763, -10.1872



74.8470, 2.0474, -3.3738



64.4360, 38.7321, -56.5104



6.9930, 3.9475, -6.1329

Inverse Universe

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



110.9030, 7.4428, 39.5501



132.8980, 11.8823, 62.3565



144.3840, -29.2763, 10.1872



73.9620, 1.0047, 4.4183



52.1050, 14.7382, 79.7149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 117.1610, 19.1476, -28.2052 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 117.1610, 19.1476, -28.2052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

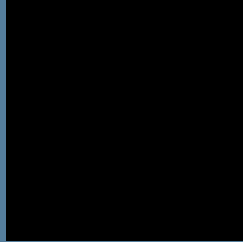
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

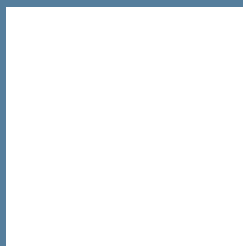
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.1610, 19.1476, -28.2052

Background



This preview shows how black text looks on a background with the YUV color 117.1610, 19.1476, -28.2052.

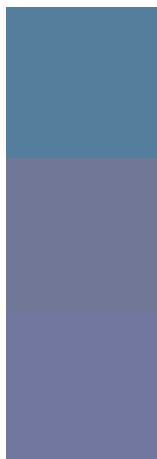


This preview shows how white text looks on a background with the YUV color 117.1610, 19.1476, -28.2052.

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

117.1610, 19.1476, -28.2052

Protanopia

121.4410, 14.5726, -7.4028

Deuteranopia

121.6520, 17.9196, -7.5878



Tritanopia

115.4890, 11.5909, -31.1239

Trichromacy



Original Color

117.1610, 19.1476, -28.2052

Protanomaly

119.8530, 16.3415, -14.7801

Deuteranomaly

120.3090, 18.0887, -15.1800

Tritanomaly

116.1840, 14.2063, -29.9794

Monochromacy



Original Color

117.1610, 19.1476, -28.2052

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1610, 19.1476, -28.2052 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(85, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(85, 126, 156)  
}
```

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(85, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 126, 156) }
```

Border

The CSS property to change the border of an element to YUV 117.1610, 19.1476, -28.2052 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(85, 126, 156) }
```


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

```
.border{ border-color:rgb(85, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(85, 126,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 117.1610, 19.1476, -28.2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 126, 156) }
```

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

```
.background{ background-color: rgb(85, 126,  
156) }
```

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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