

Converting Colors

YUV(117.3150, 12.1697,
-30.0943)

Have a look what the booklet for
YUV(117.3150, 12.1697, -30.0943)
contains.

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Color

**YUV(117.3150, 12.1697,
-30.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	53828E
RGB	83, 130, 142
RGB Percent	33%, 51%, 56%
CMY	0.6745, 0.4902, 0.4431
CMYK	0.42, 0.08, 0.00, 0.44
HSL	192°, 26%, 44%
HSV	192°, 42%, 56%
XYZ	16.4324, 19.7573, 28.5386
YIQ	117.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

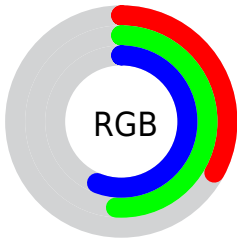
Format	Color
R _Y B	83, 109, 142
Decimal	5472910
CIE _{Lab}	51.56, -12.67, -11.51
CIE _{LCh}	52, 17.117, 222.244
Yxy	19.7573, 0.2539, 0.3052
Android (android.graphics.Color)	4283662990 (0xFF53828E)
YUV	117.3150, 12.1697, -30.0943
Hunter-Lab	44.4491, -11.7963, -6.9528

Details

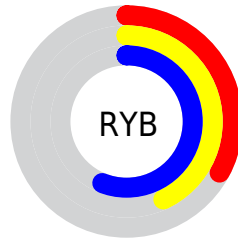
The YUV color **117.3150, 12.1697, -30.0943** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.6850, -12.1697, 30.0943**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1300, 12.7539, -30.8090**, and **67.3040, 12.1751, -31.8386** is the 20% darker color. If you saturate the color by 10%, you get **111.3680, 15.1016, -37.1567**, and if you desaturate by 10%, it is **123.2620, 9.2378, -23.0318**.

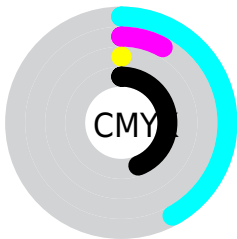
Distribution



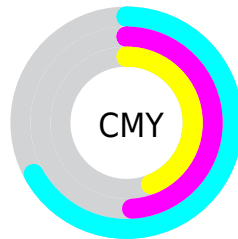
- Red (33%)
- Green (51%)
- Blue (56%)



- Red (33%)
- Yellow (43%)
- Blue (56%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3150, 12.1697, -30.0943 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 117.3150, 12.1697, -30.0943 by changing the saturation by 10% instead.

■ 117.3150, 12.1697,
-30.0943

■ 117.3150, 12.1697,
-30.0943

■ 255.0000, 0.0000,
0.0000

■ 91.9020, 11.8803,
-30.6091

■ 170.1300, 12.7539,
-30.8090

■ 67.3040, 12.1751,
-31.8386

■ 197.8310, 12.9013,
-31.4238

■ 41.7980, 12.9176,
-36.6568

■ 225.8310, 12.9013,
-31.4238

■ 26.3760, 9.6746,
-23.1318

■ 243.9370, 5.4541,
-22.7467

■ 10.0080, 7.8841,
-8.7770

■ 252.6080, 1.1793,
-4.9182

■ 0.0000, 0.0000,
0.0000

■ 117.3150, 12.1697,
-30.0943

■ 117.3150, 12.1697,
-30.0943

■ 111.3680, 15.1016,
-37.1567

■ 123.2620, 9.2378,
-23.0318

■ 105.4210, 18.0334,
-44.2192

■ 129.2090, 6.3060,
-15.9693

■ 99.1750, 21.1127,
-51.8965

■ 135.4550, 3.2267,
-8.2920

■ 93.2280, 24.0446,
-58.9590

■ 141.4020, 0.2948,
-1.2296

■ 87.8680, 26.6871,
-66.5362

■ 146.7620, -2.3477,
6.3477

■ 82.5190, 29.3241,
-72.3692

■ 152.7090, -5.2795,
13.4102

■ 158.6560, -8.2114,
20.4727

■ 164.9020,

-11.2907, 28.1499

 170.8490,
-14.2226, 35.2124

Harmonies

Analogous

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



116.7190, 6.0545, -28.6946



117.3150, 12.1697, -30.0943



120.0540, 14.7634, -21.9724

Triad

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



117.3150, 12.1697, -30.0943



125.3320, 3.2873, 19.0028



121.7760, -13.6936, 5.4584

Complementary

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



117.3150, 12.1697, -30.0943



107.6850, -12.1697, 30.0943

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.



123.1410, -13.8735, 16.5393



117.3150, 12.1697, -30.0943



125.4160, -4.1491, 24.1912

Square

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



117.3150, 12.1697, -30.0943



124.9760, 9.8718, 7.0370



124.5100, -10.1114, 23.2317



119.8390, -9.2876, -7.7518

Rectangle

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



117.3150, 12.1697, -30.0943



122.1090, 14.7363, -13.2506



124.5100, -10.1114, 23.2317



122.0970, -13.8518, 9.5619

Sweetspot

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



117.3150, 12.1697, -30.0943



174.4870, 4.6899, -10.9511



119.0010, -11.8325, -31.5729



86.3520, 2.7845, -6.4477



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.3150, 12.1697, -30.0943



145.3390, 19.0599, -46.7783



100.2920, 20.5620, -15.1651



68.3200, 1.3212, -3.7886



78.7860, 27.7135, -69.0953



4.4340, 1.7580, -3.8886

Inverse Universe

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



105.9990, 11.8325, 31.5729



127.8300, 18.3248, 49.2611



124.7080, -20.5620, 15.1651



66.7770, 1.5889, 3.7036



52.6770, 27.2742, 72.1973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 117.3150, 12.1697, -30.0943 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 117.3150, 12.1697, -30.0943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

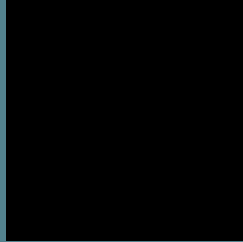
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.3150, 12.1697, -30.0943

Background



This preview shows how black text looks on a background with the YUV color 117.3150, 12.1697, -30.0943.



This preview shows how white text looks on a background with the YUV color 117.3150, 12.1697, -30.0943.

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

117.3150, 12.1697, -30.0943

Protanopia

123.1120, 6.8468, -2.7292

Deuteranopia

123.9320, 9.8935, 0.0596



Tritanopia

117.2010, 11.7329, -29.9943

Trichromacy



Original Color

117.3150, 12.1697, -30.0943

Protanomaly

121.2140, 8.7685, -12.4657

Deuteranomaly

121.6810, 10.5103, -11.1212

Tritanomaly

117.2010, 11.7329, -29.9943

Monochromacy



Original Color

117.3150, 12.1697, -30.0943

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3730, 4.2531, -10.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3150, 12.1697, -30.0943 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(83, 130, 142)` looks like.

```
.text, #text, p{  
    color:rgb(83, 130, 142)  
}
```

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(83, 130, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 130, 142) }
```

Border

The CSS property to change the border of an element to YUV 117.3150, 12.1697, -30.0943 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(83, 130, 142) }
```


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

```
.border{ border-color:rgb(83, 130, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 130, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 130, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 130, 142);  
box-shadow:4px 4px 4px 4px rgb(83, 130,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 117.3150, 12.1697, -30.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 130, 142) }
```

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

```
.background{ background-color: rgb(83, 130,  
142) }
```

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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