

Converting Colors

YUV(118.1710, -12.9023,
-15.0590)

Have a look what the booklet for
YUV(118.1710, -12.9023, -15.0590)
contains.

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Color

**YUV(118.1710, -12.9023,
-15.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	65845C
RGB	101, 132, 92
RGB Percent	40%, 52%, 36%
CMY	0.6039, 0.4824, 0.6392
CMYK	0.23, 0.00, 0.30, 0.48
HSL	107°, 18%, 44%
HSV	107°, 30%, 52%
XYZ	15.5499, 20.0419, 13.1741
YIQ	118.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

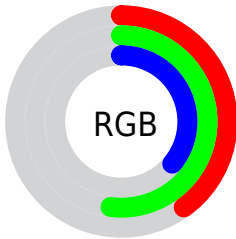
Format	Color
RYB	92, 132, 123
Decimal	6653020
CIELab	51.88, -19.14, 18.12
CIELCh	52, 26.360, 136.568
Yxy	20.0419, 0.3189, 0.4110
Android (android.graphics.Color)	4284843100 (0xFF65845C)
YUV	118.1710, -12.9023, -15.0590
Hunter-Lab	44.7682, -16.3439, 13.8902

Details

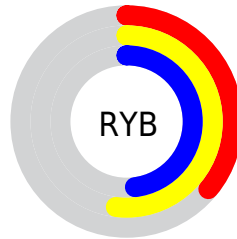
The YUV color **118.1710, -12.9023, -15.0590** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **105.8290, 12.9023, 15.0590**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5300, -14.0653, -15.3738**, and **69.2250, -11.4499, -14.2293** is the 20% darker color. If you saturate the color by 10%, you get **113.6990, -17.1066, -19.9070**, and if you desaturate by 10%, it is **122.6430, -8.6980, -10.2109**.

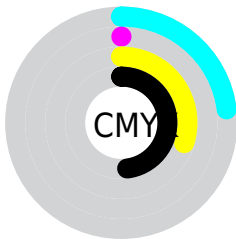
Distribution



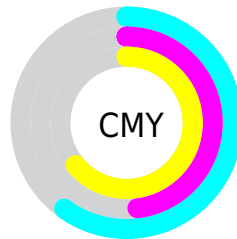
- Red (40%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (48%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1710, -12.9023, -15.0590 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 118.1710, -12.9023, -15.0590 by changing the saturation by 10% instead.

■ 118.1710,
-12.9023, -15.0590

■ 118.1710,
-12.9023, -15.0590

■ 255.0000, 0.0000,
0.0000

■ 93.2850, -12.4655,
-15.1589

■ 170.5300,
-14.0653, -15.3738

■ 69.2250, -11.4499,
-14.2293

■ 198.1170,
-14.3547, -15.8886

■ 46.3390, -11.0131,
-14.3293

■ 225.7040,
-14.6441, -16.4034

■ 25.0080, -12.3289,
-12.2850

■ 245.7850,
-10.7400, -8.5814

■ 7.6310, -3.7621,
-6.6924

■ 254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 118.1710,
-12.9023, -15.0590

■ 118.1710,
-12.9023, -15.0590

■ 113.6990,
-17.1066, -19.9070

■ 122.6430, -8.6980,
-10.2109

■ 109.2270,
-21.3109, -24.7551

■ 127.1150, -4.4937,
-5.3629

■ 104.3420,
-25.8046, -30.1179

■ 132.0000, 0.0000,
0.0000

■ 99.8700, -30.0089,
-34.9660

■ 136.4720, 4.2043,
4.8481

■ 95.3980, -34.2132,
-39.8140

■ 140.9440, 8.4086,
9.6961

■ 90.9260, -38.4175,
-44.6621

■ 145.4160, 12.6129,
14.5442

■ 86.4540, -42.6218,
-49.5102

■ 150.1870, 16.6698,
20.0070

■ 154.7730, 21.3109,

24.7551

■ 159.2450, 25.5152,
29.6031

Harmonies

Analogous

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



120.7560, -20.0927, 4.5990



118.1710, -12.9023, -15.0590



114.1390, -1.0545, -35.2019

Triad

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



118.1710, -12.9023, -15.0590



117.7840, 24.2635, -35.7676



126.1080, -6.9552, 37.6163

Complementary

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



118.1710, -12.9023, -15.0590



105.8290, 12.9023, 15.0590

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.



127.2240, 3.8336, 30.4986



118.1710, -12.9023, -15.0590



124.1400, 21.1300, -10.6468

Square

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



118.1710, -12.9023, -15.0590



110.7940, 22.2866, -55.0703



126.4590, 14.0707, 13.6295



124.3820, -15.9643, 33.8680

Rectangle

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



118.1710, -12.9023, -15.0590



111.4670, 8.1508, -47.7676



126.4590, 14.0707, 13.6295



126.6070, -3.7503, 36.3017

Sweetspot

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



118.1710, -12.9023, -15.0590



165.5880, -5.2199, -5.7777



122.1570, -14.8674, 8.6323



83.4680, -3.1887, -3.9184



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.1710, -12.9023, -15.0590



149.5800, -20.0059, -23.3107



116.7340, -6.7709, -21.6917



63.8210, -1.8838, -2.4740



84.9810, -41.8956, -49.0953



2.0600, -1.0156, -0.9296

Inverse Universe

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



105.8290, 12.9023, 15.0590



130.4200, 20.0059, 23.3107



107.2660, 6.7709, 21.6917



62.1790, 1.8838, 2.4740



45.0190, 41.8956, 49.0953



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 118.1710, -12.9023, -15.0590 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 118.1710, -12.9023, -15.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

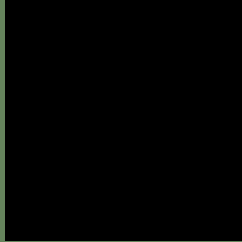
Any Text WCAG AA ✓ Pass

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 118.1710, -12.9023, -15.0590 Background



This preview shows how black text looks on a background with the YUV color 118.1710, -12.9023, -15.0590.



This preview shows how white text looks on a background with the YUV color 118.1710, -12.9023, -15.0590.

-15.0590.

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

118.1710, -12.9023, -15.0590

Protanopia

122.0000, -16.7620, 9.6470

Deuteranopia

123.4510, -14.0263, 18.8985



Tritanopia

121.7580, 7.0213, -12.0658

Trichromacy



Original Color

118.1710, -12.9023, -15.0590

Protanomaly

120.2870, -15.4245, 0.6253

Deuteranomaly

121.4880, -13.5516, 6.5880

Tritanomaly

120.2110, -0.1040, -13.3400

Monochromacy



Original Color

118.1710, -12.9023, -15.0590

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1710, -12.9023, -15.0590 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(101, 132, 92)` looks like.

```
.text, #text, p{  
    color:rgb(101, 132, 92)  
}
```

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(101, 132, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 132, 92) }
```

Border

The CSS property to change the border of an element to YUV 118.1710, -12.9023, -15.0590 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(101, 132, 92) }
```


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

```
.border{ border-color:rgb(101, 132, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 132, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 132, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 132, 92);  
box-shadow:4px 4px 4px 4px rgb(101, 132,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 118.1710, -12.9023, -15.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 132, 92) }
```

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

```
.background{ background-color: rgb(101,  
132, 92) }
```

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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