

Converting Colors

YUV(116.5400, -12.5912,
-21.5216)

Have a look what the booklet for
YUV(116.5400, -12.5912, -21.5216)
contains.

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Color

**YUV(116.5400, -12.5912,
-21.5216)**

Conversions

Conversions Part 1

Format	Color
Hex	5C865B
RGB	92, 134, 91
RGB Percent	36%, 53%, 36%
CMY	0.6392, 0.4745, 0.6431
CMYK	0.31, 0.00, 0.32, 0.47
HSL	119°, 19%, 44%
HSV	119°, 32%, 53%
XYZ	14.8271, 20.0808, 12.9921
YIQ	116.5400, -11.2290, -22.2770

Conversions

Conversions Part 2

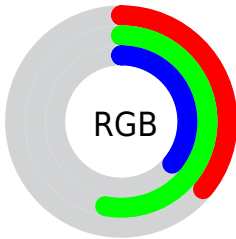
Format	Color
R_{YB}	91, 134, 133
Decimal	6063707
CIE _{Lab}	51.93, -23.64, 18.66
CIE _{LCh}	52, 30.112, 141.716
Yxy	20.0808, 0.3095, 0.4192
Android (android.graphics.Color)	4284253787 (0xFF5C865B)
YUV	116.5400, -12.5912, -21.5216
Hunter-Lab	44.8116, -19.3592, 14.1785

Details

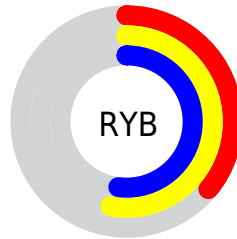
The YUV color **116.5400, -12.5912, -21.5216** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **108.4600, 12.5912, 21.5216**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8990, -13.7542, -21.8364**, and **67.5940, -11.1388, -20.6919** is the 20% darker color. If you saturate the color by 10%, you get **111.1710, -16.3533, -28.2140**, and if you desaturate by 10%, it is **121.9090, -8.8291, -14.8292**.

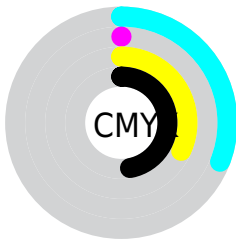
Distribution



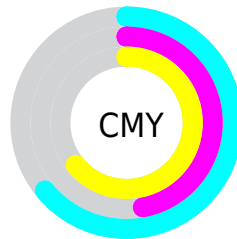
- Red (36%)
- Green (53%)
- Blue (36%)



- Red (36%)
- Yellow (53%)
- Blue (52%)



- Cyan (31%)
- Magenta (0%)
- Yellow (32%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5400, -12.5912, -21.5216 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 116.5400, -12.5912, -21.5216 by changing the saturation by 10% instead.

■ 116.5400,
-12.5912, -21.5216

■ 116.5400,
-12.5912, -21.5216

■ 255.0000, 0.0000,
0.0000

■ 91.6540, -12.1544,
-21.6216

■ 168.8990,
-13.7542, -21.8364

■ 67.5940, -11.1388,
-20.6919

■ 196.1870,
-13.8962, -22.9660

■ 44.1100, -10.4072,
-22.0215

■ 224.6600,
-14.6224, -23.3808

■ 22.3060, -10.9969,
-19.5624

■ 242.6810, -9.7027,
-14.6292

■ 7.6310, -3.7621,
-6.6924

■ 254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 116.5400,
-12.5912, -21.5216

■ 116.5400,
-12.5912, -21.5216

■ 111.1710,
-16.3533, -28.2140

■ 121.9090, -8.8291,
-14.8292

■ 105.6880,
-20.5522, -34.8064

■ 127.3920, -4.6303,
-8.2368

■ 100.3190,
-24.3143, -41.4988

■ 132.7610, -0.8682,
-1.5444

■ 94.8360, -28.5131,
-48.0912

■ 138.2440, 3.3307,
5.0480

■ 89.4670, -32.2752,
-54.7836

■ 143.6130, 7.0928,
11.7404

■ 83.7990, -35.8899,
-62.0907

■ 149.2810, 10.7075,
19.0476

■ 79.5550, -39.2206,
-67.1387

■ 154.7640, 14.9063,
25.6400

■ 160.1330, 18.6684,

32.3324

■ 165.6160, 22.8673,
38.9248

Harmonies

Analogous

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



120.1640, -22.2659, 1.6102



116.5400, -12.5912, -21.5216



110.9850, 2.4724, -46.4678

Triad

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



116.5400, -12.5912, -21.5216



117.3860, 27.9107, -38.9265



125.7450, -9.7343, 42.3196

Complementary

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



116.5400, -12.5912, -21.5216



108.4600, 12.5912, 21.5216

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.



126.6270, 2.6489, 37.1611



116.5400, -12.5912, -21.5216



124.7320, 23.3031, -7.6580

Square

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



116.5400, -12.5912, -21.5216



105.4160, 28.8819, -70.5248



126.9050, 14.3438, 19.3773



124.3670, -19.9009, 36.5121

Rectangle

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



116.5400, -12.5912, -21.5216



105.7360, 13.4412, -64.6665



126.9050, 14.3438, 19.3773



126.1840, -5.5137, 41.9346

Sweetspot

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



116.5400, -12.5912, -21.5216



165.9790, -4.9196, -8.7516



128.5110, -18.4929, 4.8139



82.7560, -3.3307, -5.0480



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.



116.5400, -12.5912, -21.5216



145.6280, -19.5366, -33.8768



118.5210, -3.7079, -24.1359



63.5220, -1.7363, -3.0888



77.2070, -38.0631, -65.0795



1.7610, -0.8682, -1.5444

Inverse Universe

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



108.4600, 12.5912, 21.5216



133.3720, 19.5366, 33.8768



106.4790, 3.7079, 24.1359



62.4780, 1.7363, 3.0888



52.7930, 38.0631, 65.0795



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 116.5400, -12.5912, -21.5216 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 116.5400, -12.5912, -21.5216 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 116.5400, -12.5912, -21.5216 Background



This preview shows how black text looks on a background with the YUV color 116.5400, -12.5912, -21.5216.



This preview shows how white text looks on a background with the YUV color 116.5400, -12.5912, -21.5216.

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

116.5400, -12.5912, -21.5216

Protanopia

121.7720, -17.6356, 9.8470

Deuteranopia

123.3370, -14.4631, 18.9985



Tritanopia

121.0670, 8.3480, -17.5988

Trichromacy



Original Color

116.5400, -12.5912, -21.5216

Protanomaly

119.8630, -15.7085, -1.6339

Deuteranomaly

121.0640, -13.8356, 4.3289

Tritanomaly

119.4060, 0.7858, -18.7731

Monochromacy



Original Color

116.5400, -12.5912, -21.5216

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5400, -12.5912, -21.5216 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(92, 134, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 134, 91)  
}
```

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(92, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 134, 91) }
```

Border

The CSS property to change the border of an element to YUV 116.5400, -12.5912, -21.5216 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(92, 134, 91) }
```


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

```
.border{ border-color:rgb(92, 134, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 134, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 134,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 116.5400, -12.5912, -21.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 134, 91) }
```

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

```
.background{ background-color: rgb(92, 134,  
91) }
```

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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