

Converting Colors

YUV(113.8470, -21.6166,
-20.0368)

Have a look what the booklet for
YUV(113.8470, -21.6166, -20.0368)
contains.

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Color

**YUV(113.8470, -21.6166,
-20.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8646
RGB	91, 134, 70
RGB Percent	36%, 53%, 27%
CMY	0.6431, 0.4745, 0.7255
CMYK	0.32, 0.00, 0.48, 0.47
HSL	100°, 31%, 40%
HSV	100°, 48%, 53%
XYZ	13.9450, 19.7165, 8.8650
YIQ	113.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

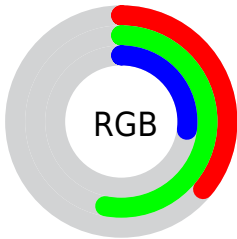
Format	Color
RYB	70, 134, 113
Decimal	5998150
CIELab	51.52, -27.30, 29.72
CIELCh	52, 40.358, 132.570
Yxy	19.7165, 0.3279, 0.4636
Android (android.graphics.Color)	4284188230 (0xFF5B8646)
YUV	113.8470, -21.6166, -20.0368
Hunter-Lab	44.4033, -21.6474, 19.2452

Details

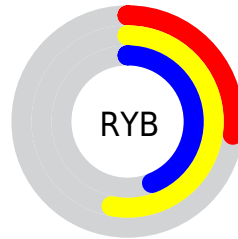
The YUV color **113.8470, -21.6166, -20.0368** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90.1530, 21.6166, 20.0368**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2060, -22.7796, -20.3517**, and **64.1890, -20.3062, -20.3368** is the 20% darker color. If you saturate the color by 10%, you get **109.6740, -25.9683, -24.2701**, and if you desaturate by 10%, it is **118.0200, -17.2649, -15.8035**.

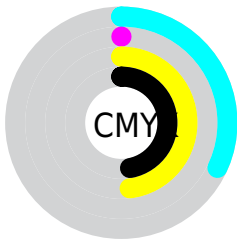
Distribution



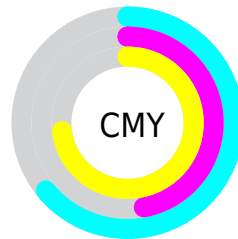
- Red (36%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8470, -21.6166, -20.0368 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 113.8470, -21.6166, -20.0368 by changing the saturation by 10% instead.

■ 113.8470,
-21.6166, -20.0368

■ 113.8470,
-21.6166, -20.0368

■ 255.0000, 0.0000,
0.0000

■ 88.3740, -20.8904,
-19.6220

■ 166.2060,
-22.7796, -20.3517

■ 64.1890, -20.3062,
-20.3368

■ 193.6790,
-23.5057, -20.7665

■ 40.0040, -19.7220,
-21.0515

■ 222.0380,
-24.6687, -21.0813

■ 22.3060, -10.9969,
-19.5624

■ 240.0590,
-19.7491, -12.3297

■ 5.8700, -2.8939,
-5.1480

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 113.8470,
-21.6166, -20.0368

■ 113.8470,
-21.6166, -20.0368

■ 109.6740,
-25.9683, -24.2701

■ 118.0200,
-17.2649, -15.8035

■ 105.3870,
-30.7568, -28.4034

■ 122.3070,
-12.4764, -11.6702

■ 101.2140,
-35.1085, -32.6367

■ 126.4800, -8.1246,
-7.4370

■ 96.9270, -39.8970,
-36.7700

■ 130.7670, -3.3361,
-3.3037

■ 92.7540, -44.2487,
-41.0033

■ 134.9400, 1.0156,
0.9296

■ 91.8140, -45.2643,
-41.9329

■ 139.1130, 5.3673,
5.1629

■ 143.4000, 10.1558,
9.2962

■ 147.5730, 14.5075,

13.5295

■ 151.8600, 19.2960,
17.6628

Harmonies

Analogous

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



117.9880, -32.0391, 9.6575



113.8470, -21.6166, -20.0368



103.5720, -1.2680, -60.1376

Triad

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



113.8470, -21.6166, -20.0368



98.9160, 43.9184, -86.7493



123.8160, -7.3043, 56.2894

Complementary

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



113.8470, -21.6166, -20.0368



90.1530, 21.6166, 20.0368

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.



125.3920, 9.1737, 44.3832



113.8470, -21.6166, -20.0368



119.8960, 34.5613, -25.3418

Square

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



113.8470, -21.6166, -20.0368



100.2720, 33.8829, -87.9385



126.2880, 23.5220, 15.5334



122.2980, -21.8389, 51.4817

Rectangle

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



113.8470, -21.6166, -20.0368



96.4300, 14.0850, -84.5691



126.2880, 23.5220, 15.5334



123.9990, -1.4785, 54.3749

Sweetspot

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



113.8470, -21.6166, -20.0368



165.4800, -8.1246, -7.4370



114.3770, -21.8779, 17.2094



82.3000, -5.0779, -4.6481



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.



113.8470, -21.6166, -20.0368



142.0940, -33.0773, -30.7774



108.8220, -13.7162, -34.0469



64.1200, -2.0312, -1.8592



89.1670, -43.9593, -40.4885



2.0600, -1.0156, -0.9296

Inverse Universe

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



90.1530, 21.6166, 20.0368



105.9060, 33.0773, 30.7774



95.1780, 13.7162, 34.0469



61.8800, 2.0312, 1.8592



40.8330, 43.9593, 40.4885



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 113.8470, -21.6166, -20.0368 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 113.8470, -21.6166, -20.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

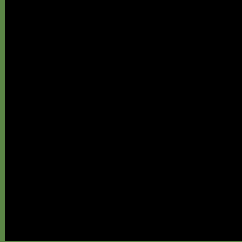
Any Text WCAG AA ✓ Pass

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 113.8470, -21.6166, -20.0368 Background



This preview shows how black text looks on a background with the YUV color 113.8470, -21.6166, -20.0368.



This preview shows how white text looks on a background with the YUV color 113.8470, -21.6166, -20.0368.

-20.0368.

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

113.8470, -21.6166, -20.0368

Protanopia

119.5030, -26.3770, 13.5909

Deuteranopia

121.3670, -23.3519, 23.3571



Tritanopia

120.6650, 8.0532, -16.3692

Trichromacy



Original Color

113.8470, -21.6166, -20.0368

Protanomaly

117.1810, -24.7392, 1.5953

Deuteranomaly

118.4960, -22.4295, 7.4580

Tritanomaly

118.4940, -2.7085, -17.9732

Monochromacy



Original Color

113.8470, -21.6166, -20.0368

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8930, -7.8352, -6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8470, -21.6166, -20.0368 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(91, 134, 70)` looks like.

```
.text, #text, p{  
    color:rgb(91, 134, 70)  
}
```

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(91, 134, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 134, 70) }
```

Border

The CSS property to change the border of an element to YUV 113.8470, -21.6166, -20.0368 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(91, 134, 70) }
```


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

```
.border{ border-color:rgb(91, 134, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 134, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 134, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 134, 70);  
box-shadow:4px 4px 4px 4px rgb(91, 134,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 113.8470, -21.6166, -20.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 134, 70) }
```

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

```
.background{ background-color: rgb(91, 134,  
70) }
```

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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