

Converting Colors

YUV(113.4540, -15.5068,
-19.6922)

Have a look what the booklet for
YUV(113.4540, -15.5068, -19.6922)
contains.

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Color

**YUV(113.4540, -15.5068,
-19.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8352
RGB	91, 131, 82
RGB Percent	36%, 51%, 32%
CMY	0.6431, 0.4863, 0.6784
CMYK	0.31, 0.00, 0.37, 0.49
HSL	109°, 23%, 42%
HSV	109°, 37%, 51%
XYZ	13.9537, 19.0659, 10.9273
YIQ	113.4540, -8.1110, -23.7190

Conversions

Conversions Part 2

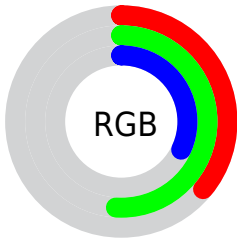
Format	Color
R_{YB}	82, 131, 122
Decimal	5997394
CIE _{Lab}	50.76, -24.01, 22.17
CIE _{LCh}	51, 32.679, 137.284
Yxy	19.0659, 0.3175, 0.4338
Android (android.graphics.Color)	4284187474 (0xFF5B8352)
YUV	113.4540, -15.5068, -19.6922
Hunter-Lab	43.6646, -19.3706, 15.7275

Details

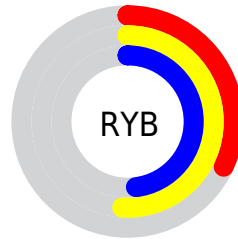
The YUV color **113.4540, -15.5068, -19.6922** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99.5460, 15.5068, 19.6922**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5140, -16.5224, -20.6218**, and **64.5080, -14.0544, -18.8625** is the 20% darker color. If you saturate the color by 10%, you get **108.6830, -19.5637, -25.1550**, and if you desaturate by 10%, it is **118.2250, -11.4499, -14.2293**.

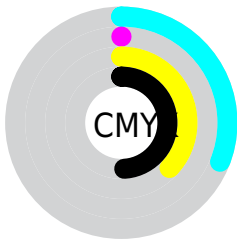
Distribution



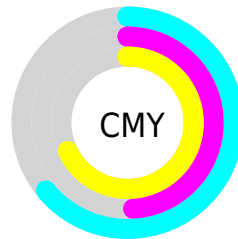
- Red (36%)
- Green (51%)
- Blue (32%)



- Red (32%)
- Yellow (51%)
- Blue (48%)



- Cyan (31%)
- Magenta (0%)
- Yellow (37%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4540, -15.5068, -19.6922 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 113.4540, -15.5068, -19.6922 by changing the saturation by 10% instead.

■ 113.4540,
-15.5068, -19.6922

■ 113.4540,
-15.5068, -19.6922

■ 255.0000, 0.0000,
0.0000

■ 88.6820, -14.6332,
-19.8921

■ 165.5140,
-16.5224, -20.6218

■ 64.5080, -14.0544,
-18.8625

■ 192.9870,
-17.2486, -21.0366

■ 41.1380, -12.8860,
-20.2920

■ 220.8730,
-17.6854, -20.9366

■ 21.1320, -10.4181,
-18.5328

■ 241.2420,
-13.9233, -14.2442

■ 2.9350, -1.4470,
-2.5740

■ 253.2190, -5.5310,
0.6849

■ 0.0000, 0.0000,
0.0000

■ 113.4540,
-15.5068, -19.6922

■ 113.4540,
-15.5068, -19.6922

■ 108.6830,
-19.5637, -25.1550

■ 118.2250,
-11.4499, -14.2293

■ 104.2110,
-23.7680, -30.0030

■ 122.6970, -7.2456,
-9.3813

■ 99.4400, -27.8249,
-35.4659

■ 127.4680, -3.1887,
-3.9184

■ 94.6690, -31.8818,
-40.9287

■ 132.2390, 0.8682,
1.5444

■ 90.1970, -36.0861,
-45.7768

■ 136.8250, 5.5093,
6.2925

■ 85.3120, -40.5798,
-51.1396

■ 141.5960, 9.5662,
11.7553

■ 84.0730, -41.4480,
-52.6840

■ 146.3670, 13.6231,
17.2181

■ 151.1380, 17.6800,

22.6810

■ 155.6100, 21.8843,
27.5290

Harmonies

Analogous

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



117.0890, -25.1869, 5.1839



113.4540, -15.5068, -19.6922



107.1050, 0.4412, -48.3271

Triad

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



113.4540, -15.5068, -19.6922



110.3460, 31.8744, -50.2924



122.5220, -8.1453, 46.0232

Complementary

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



113.4540, -15.5068, -19.6922



99.5460, 15.5068, 19.6922

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.



123.9090, 4.9749, 37.7908



113.4540, -15.5068, -19.6922



120.7960, 26.2296, -12.9761

Square

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



113.4540, -15.5068, -19.6922



96.4250, 31.8355, -84.5647



124.5780, 16.9700, 17.0331



121.1010, -19.7698, 41.1304

Rectangle

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



113.4540, -15.5068, -19.6922



96.4030, 15.0843, -78.4064



124.5780, 16.9700, 17.0331



123.2490, -4.0668, 44.5086

Sweetspot

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



113.4540, -15.5068, -19.6922



164.3490, -6.0881, -7.3221



119.5440, -18.5092, 10.0469



82.6420, -3.7675, -4.9480



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.



113.4540, -15.5068, -19.6922



143.3850, -24.3468, -31.0326



112.4730, -7.6282, -26.7248



63.8210, -1.8838, -2.4740



83.4860, -41.1586, -52.1692



1.7610, -0.8682, -1.5444

Inverse Universe

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



99.5460, 15.5068, 19.6922



121.6150, 24.3468, 31.0326



100.5270, 7.6282, 26.7248



62.1790, 1.8838, 2.4740



46.5140, 41.1586, 52.1692



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 113.4540, -15.5068, -19.6922 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 113.4540, -15.5068, -19.6922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

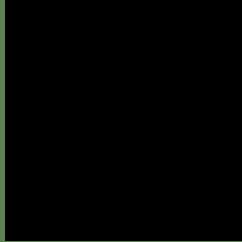
Any Text WCAG AA ✓ Pass

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 113.4540, -15.5068, -19.6922 Background



This preview shows how black text looks on a background with the YUV color 113.4540, -15.5068, -19.6922.



This preview shows how white text looks on a background with the YUV color 113.4540, -15.5068, -19.6922.

-19.6922.

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

113.4540, -15.5068, -19.6922

Protanopia

118.5010, -19.9670, 10.9616

Deuteranopia

120.0660, -16.7945, 20.1131



Tritanopia

118.6650, 8.0532, -16.3692

Trichromacy



Original Color

113.4540, -15.5068, -19.6922

Protanomaly

116.4780, -18.4767, -0.4192

Deuteranomaly

117.7930, -16.1669, 5.4435

Tritanomaly

116.7760, -0.3826, -17.3436

Monochromacy



Original Color

113.4540, -15.5068, -19.6922

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4630, -5.6513, -7.4221

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4540, -15.5068, -19.6922 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, 131, 82)` looks like.

```
.text, #text, p{  
    color:rgb(91, 131, 82)  
}
```

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, 131, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 131, 82) }
```

Border

The CSS property to change the border of an element to YUV 113.4540, -15.5068, -19.6922 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, 131, 82) }
```


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

```
.border{ border-color:rgb(91, 131, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 131, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 131, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 131, 82);  
box-shadow:4px 4px 4px 4px rgb(91, 131,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 113.4540, -15.5068, -19.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 131, 82) }
```

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

```
.background{ background-color: rgb(91, 131,  
82) }
```

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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