

Converting Colors

YUV(114.5650, -7.1805,
-30.3135)

Have a look what the booklet for
YUV(114.5650, -7.1805, -30.3135)
contains.

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Color

**YUV(114.5650, -7.1805,
-30.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	508764
RGB	80, 135, 100
RGB Percent	31%, 53%, 39%
CMY	0.6863, 0.4706, 0.6078
CMYK	0.41, 0.00, 0.26, 0.47
HSL	142°, 26%, 42%
HSV	142°, 41%, 53%
XYZ	14.2725, 19.9535, 15.1558
YIQ	114.5650, -21.5450, -22.5450

Conversions

Conversions Part 2

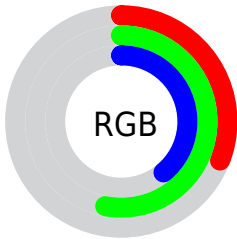
Format	Color
RYB	80, 120, 135
Decimal	5277540
CIELab	51.78, -26.41, 13.22
CIELCh	52, 29.538, 153.413
Yxy	19.9535, 0.2890, 0.4041
Android (android.graphics.Color)	4283467620 (0xFF508764)
YUV	114.5650, -7.1805, -30.3135
Hunter-Lab	44.6694, -21.1381, 11.1522

Details

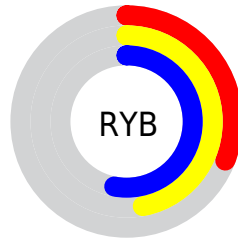
The YUV color **114.5650, -7.1805, -30.3135** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **100.4350, 7.1805, 30.3135**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6250, -8.1961, -31.2431**, and **64.9070, -5.8702, -30.6134** is the 20% darker color. If you saturate the color by 10%, you get **109.3530, -9.0480, -38.0206**, and if you desaturate by 10%, it is **119.7770, -5.3131, -22.6064**.

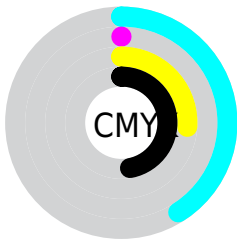
Distribution



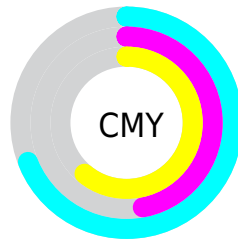
- Red (31%)
- Green (53%)
- Blue (39%)



- Red (31%)
- Yellow (47%)
- Blue (53%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5650, -7.1805, -30.3135 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 114.5650, -7.1805, -30.3135 by changing the saturation by 10% instead.

■ 114.5650, -7.1805,
-30.3135

■ 114.5650, -7.1805,
-30.3135

■ 255.0000, 0.0000,
0.0000

■ 89.0920, -6.4544,
-29.8987

■ 167.6250, -8.1961,
-31.2431

■ 64.9070, -5.8702,
-30.6134

■ 194.9130, -8.3381,
-32.3727

■ 39.4550, -3.6753,
-34.6020

■ 222.7990, -8.7749,
-32.2727

■ 23.9190, -7.3551,
-20.9770

■ 240.2330, -3.5659,
-23.0063

■ 7.0440, -3.4727,
-6.1776

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 114.5650, -7.1805,
-30.3135

■ 114.5650, -7.1805,
-30.3135

■ 109.3530, -9.0480,
-38.0206

■ 119.7770, -5.3131,
-22.6064

■ 104.5540,
-10.6261, -45.2129

■ 124.5760, -3.7350,
-15.4142

■ 99.3420, -12.4936,
-52.9199

■ 129.4890, -1.7201,
-8.3219

■ 94.5430, -14.0717,
-60.1122

■ 134.5870, -0.2894,
-0.5148

■ 89.3310, -15.9392,
-67.8193

■ 139.5000, 1.7255,
6.5775

■ 84.8310, -17.6647,
-74.3968

■ 144.7120, 3.5930,
14.2846

■ 149.8100, 5.0237,
22.0916

■ 154.7230, 7.0386,

29.1839

■ 159.8210, 8.4692,
36.9910

Harmonies

Analogous

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



118.6190, -19.0392, -6.6819



114.5650, -7.1805, -30.3135



108.2380, 8.7567, -55.4597

Triad

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



114.5650, -7.1805, -30.3135



120.7190, 26.2675, -25.1866



124.9960, -13.8020, 40.3455

Complementary

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



114.5650, -7.1805, -30.3135



100.4350, 7.1805, 30.3135

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.



125.9710, -2.4507, 39.4904



114.5650, -7.1805, -30.3135



125.8860, 19.7762, 3.6080

Square

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



114.5650, -7.1805, -30.3135



110.6890, 28.2543, -55.8553



127.3960, 9.6648, 26.8397



123.4650, -21.9212, 31.1642

Rectangle

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



114.5650, -7.1805, -30.3135



103.2990, 19.5726, -71.2992



127.3960, 9.6648, 26.8397



125.3320, -10.0237, 41.8048

Sweetspot

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



114.5650, -7.1805, -30.3135



168.2390, -2.5828, -11.6106



123.0490, -21.2232, -6.1820



84.5000, -1.7255, -6.5775



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



114.5650, -7.1805, -30.3135



144.0160, -11.3469, -47.3720



117.6430, 4.6130, -33.0129



63.7500, -0.8627, -3.2887



81.6680, -17.0913, -71.6228



1.8750, -0.4314, -1.6444

Inverse Universe

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



100.4350, 7.1805, 30.3135



121.9840, 11.3469, 47.3720



97.3570, -4.6130, 33.0129



62.2500, 0.8628, 3.2888



48.3320, 17.0913, 71.6228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 114.5650, -7.1805, -30.3135 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 114.5650, -7.1805, -30.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

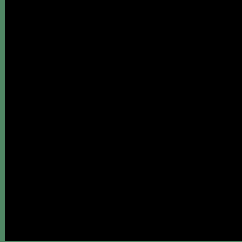
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.5650, -7.1805, -30.3135

Background



This preview shows how black text looks on a background with the YUV color 114.5650, -7.1805, -30.3135.



This preview shows how white text looks on a background with the YUV color 114.5650, -7.1805,

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

114.5650, -7.1805, -30.3135

Protanopia

122.0860, -13.8464, 7.8176

Deuteranopia

123.5800, -9.6529, 16.1543



Tritanopia

118.8810, 10.4117, -26.2056

Trichromacy



Original Color

114.5650, -7.1805, -30.3135

Protanomaly

118.9810, -11.3296, -6.1223

Deuteranomaly

120.1110, -8.4357, -0.9743

Tritanomaly

117.4480, 3.7231, -27.5799

Monochromacy



Original Color

114.5650, -7.1805, -30.3135

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6520, -2.2934, -11.0958

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5650, -7.1805, -30.3135 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(80, 135, 100)` looks like.

```
.text, #text, p{  
    color:rgb(80, 135, 100)  
}
```

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(80, 135, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 135, 100) }
```

Border

The CSS property to change the border of an element to YUV 114.5650, -7.1805, -30.3135 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(80, 135, 100) }
```


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

```
.border{ border-color:rgb(80, 135, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 135, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 135, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 135, 100);  
box-shadow:4px 4px 4px 4px rgb(80, 135,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 114.5650, -7.1805, -30.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 135, 100) }
```

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

```
.background{ background-color: rgb(80, 135,  
100) }
```

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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