

Converting Colors

YUV(113.9670, 6.4253,
-54.3451)

Have a look what the booklet for
YUV(113.9670, 6.4253, -54.3451)
contains.

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Color

**YUV(113.9670, 6.4253,
-54.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	348F7F
RGB	52, 143, 127
RGB Percent	20%, 56%, 50%
CMY	0.7961, 0.4392, 0.5020
CMYK	0.64, 0.00, 0.11, 0.44
HSL	169°, 47%, 38%
HSV	169°, 64%, 56%
XYZ	15.0694, 21.9073, 23.5130
YIQ	113.9670, -49.1000, -24.2680

Conversions

Conversions Part 2

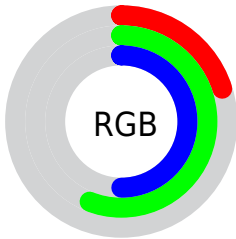
Format	Color
R_{YB}	52, 102, 143
Decimal	3444607
CIE _{Lab}	53.93, -30.80, 0.58
CIE _{LCh}	54, 30.804, 178.928
Yxy	21.9073, 0.2491, 0.3622
Android (android.graphics.Color)	4281634687 (0xFF348F7F)
YUV	113.9670, 6.4253, -54.3451
Hunter-Lab	46.8052, -24.4393, 2.9789

Details

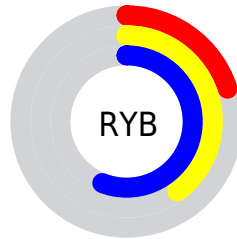
The YUV color **113.9670, 6.4253, -54.3451** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **81.0330, -6.4253, 54.3451**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7500, 5.5462, -52.4008**, and **62.8960, 7.4463, -55.1598** is the 20% darker color. If you saturate the color by 10%, you get **109.4390, 7.1786, -62.6520**, and if you desaturate by 10%, it is **118.4950, 5.6720, -46.0381**.

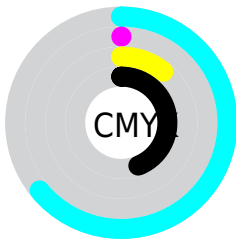
Distribution



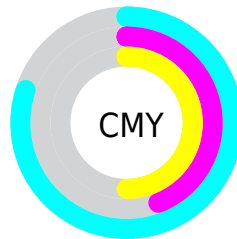
- Red (20%)
- Green (56%)
- Blue (50%)



- Red (20%)
- Yellow (40%)
- Blue (56%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (80%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9670, 6.4253, -54.3451 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 113.9670, 6.4253, -54.3451 by changing the saturation by 10% instead.

■ 113.9670, 6.4253,
-54.3451

■ 113.9670, 6.4253,
-54.3451

■ 255.0000, 0.0000,
0.0000

■ 84.7920, 8.4835,
-61.2076

■ 168.7500, 5.5462,
-52.4008

■ 62.8960, 7.4463,
-55.1598

■ 196.6360, 5.1095,
-52.3008

■ 46.1860, 4.3453,
-40.5051

■ 225.2230, 4.8201,
-52.8156

■ 30.2910, 1.8285,
-26.5652

■ 236.7610, 8.9918,
-37.5014

■ 14.8690, -1.4144,
-13.0401

■ 245.4320, 4.7170,
-19.6729

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 113.9670, 6.4253,
-54.3451

■ 113.9670, 6.4253,
-54.3451

■ 109.4390, 7.1786,
-62.6520

■ 118.4950, 5.6720,
-46.0381

■ 104.7260, 8.5161,
-71.6737

■ 123.2080, 4.3345,
-37.0164

■ 100.1980, 9.2694,
-79.9806

■ 127.7360, 3.5812,
-28.7095

■ 97.3930, 10.1593,
-85.4137

■ 132.1500, 2.3911,
-20.3025

■ 136.9770, 1.4903,
-11.3808

■ 141.3910, 0.3002,
-2.9739

■ 145.9190, -0.4531,
5.3330

■ 150.3330, -1.6432,
13.7400

■ 155.1600, -2.5439,
22.6617

Harmonies

Analogous

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



120.0060, -9.3700, -28.0693



113.9670, 6.4253, -54.3451



105.3840, 23.9677, -81.0208

Triad

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



113.9670, 6.4253, -54.3451



130.7330, 21.8236, 0.2342



129.0740, -22.2215, 34.1381

Complementary

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



113.9670, 6.4253, -54.3451



81.0330, -6.4253, 54.3451

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.



130.3600, -12.5025, 43.5343



113.9670, 6.4253, -54.3451



132.3680, 12.1436, 25.1103

Square

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



113.9670, 6.4253, -54.3451



124.8430, 28.1784, -31.4343



131.5520, -0.2721, 40.7349



127.0520, -25.6616, 17.4944

Rectangle

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



113.9670, 6.4253, -54.3451



108.5080, 29.3296, -74.1135



131.5520, -0.2721, 40.7349



129.7910, -19.6170, 38.7713

Sweetspot

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



113.9670, 6.4253, -54.3451



174.8510, 2.5385, -20.9173



110.5000, -28.8405, -36.3955



87.3790, 1.7852, -12.6104



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.9670, 6.4253, -54.3451



140.9910, 9.8644, -84.1841



98.7680, 21.8064, -41.0155



68.7930, 0.5951, -4.2035



91.8990, 9.4168, -80.5954



5.3800, 0.3057, -4.7183

Inverse Universe

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



81.0330, -6.4253, 54.3451



90.0090, -9.8644, 84.1841



96.2320, -21.8064, 41.0155



66.3210, -0.1583, 4.1035



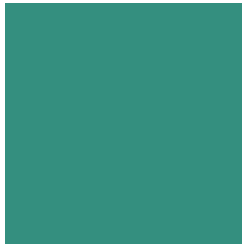
43.1010, -9.4168, 80.5954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 113.9670, 6.4253, -54.3451 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 113.9670, 6.4253, -54.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

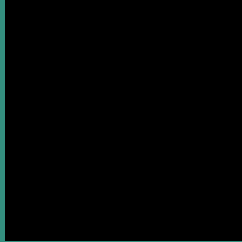
Any Text WCAG AA ✓ Pass

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 113.9670, 6.4253, -54.3451 Background



This preview shows how black text looks on a background with the YUV color 113.9670, 6.4253, -54.3451.



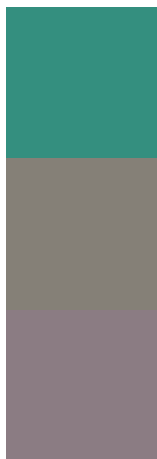
This preview shows how white text looks on a background with the YUV color 113.9670, 6.4253,

-54.3451.

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

113.9670, 6.4253, -54.3451

Protanopia

128.4690, -4.6682, 3.9737

Deuteranopia

129.2830, 0.8465, 8.5218



Tritanopia

117.9320, 16.3025, -49.0524

Trichromacy



Original Color

113.9670, 6.4253, -54.3451

Protanomaly

123.0750, -0.5300, -16.7288

Deuteranomaly

123.7100, 3.1010, -14.6547

Tritanomaly

116.2970, 12.6716, -51.1265

Monochromacy



Original Color

113.9670, 6.4253, -54.3451

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1500, 2.3910, -20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9670, 6.4253, -54.3451 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(52, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(52, 143, 127)  
}
```

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(52, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 143, 127) }
```

Border

The CSS property to change the border of an element to YUV 113.9670, 6.4253, -54.3451 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(52, 143, 127) }
```


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

```
.border{ border-color:rgb(52, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(52, 143,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 113.9670, 6.4253, -54.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 143, 127) }
```

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

```
.background{ background-color: rgb(52, 143,  
127) }
```

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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