

Converting Colors

YUV(117.9840, 3.9519,
-54.3600)

Have a look what the booklet for
YUV(117.9840, 3.9519, -54.3600)
contains.

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Color

**YUV(117.9840, 3.9519,
-54.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	38947E
RGB	56, 148, 126
RGB Percent	22%, 58%, 49%
CMY	0.7804, 0.4196, 0.5059
CMYK	0.62, 0.00, 0.15, 0.42
HSL	166°, 45%, 40%
HSV	166°, 62%, 58%
XYZ	15.9867, 23.5269, 23.4372
YIQ	117.9840, -47.7700, -26.3460

Conversions

Conversions Part 2

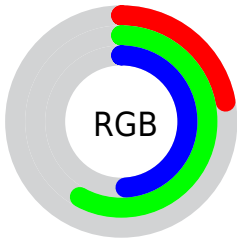
Format	Color
R_{YB}	56, 108, 148
Decimal	3708030
CIE _{Lab}	55.61, -32.67, 3.61
CIE _{LCh}	56, 32.866, 173.701
Yxy	23.5269, 0.2540, 0.3737
Android (android.graphics.Color)	4281898110 (0xFF38947E)
YUV	117.9840, 3.9519, -54.3600
Hunter-Lab	48.5046, -26.0509, 5.3045

Details

The YUV color **117.9840, 3.9519, -54.3600** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.0160, -3.9519, 54.3600**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3540, 2.7835, -52.9305**, and **65.7170, 5.5625, -57.6338** is the 20% darker color. If you saturate the color by 10%, you get **113.0430, 4.4158, -63.1817**, and if you desaturate by 10%, it is **122.9250, 3.4880, -45.5382**.

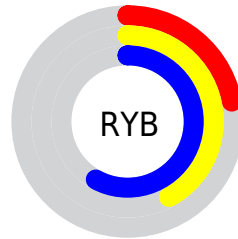
Distribution



Red (22%)

Green (58%)

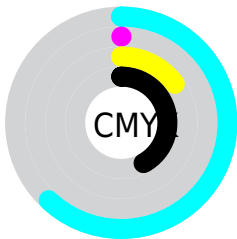
Blue (49%)



Red (22%)

Yellow (42%)

Blue (58%)

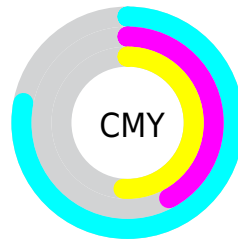


Cyan (62%)

Magenta (0%)

Yellow (15%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9840, 3.9519, -54.3600 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 117.9840, 3.9519, -54.3600 by changing the saturation by 10% instead.

■ 117.9840, 3.9519,
-54.3600

■ 117.9840, 3.9519,
-54.3600

■ 255.0000, 0.0000,
0.0000

■ 89.4070, 5.7153,
-59.9929

■ 173.3540, 2.7835,
-52.9305

■ 65.7170, 5.5625,
-57.6338

■ 201.2400, 2.3467,
-52.8305

■ 48.4200, 2.7509,
-42.4643

■ 226.8920, 3.5042,
-50.7713

■ 32.5250, 0.2342,
-28.5244

■ 237.6580, 8.5496,
-35.6571

■ 17.6900, -3.2982,
-15.5141

■ 246.6280, 4.1274,
-17.2138

■ 0.0000, 0.0000,
0.0000

■ 117.9840, 3.9519,
-54.3600

■ 117.9840, 3.9519,
-54.3600

■ 113.0430, 4.4158,
-63.1817

■ 122.9250, 3.4880,
-45.5382

■ 108.2160, 5.3165,
-72.1034

■ 127.7520, 2.5873,
-36.6165

■ 103.5740, 5.6330,
-80.3104

■ 132.3940, 2.2708,
-28.4095

■ 99.7580, 6.5283,
-87.4878

■ 137.2210, 1.3700,
-19.4878

■ 142.1620, 0.9061,
-10.6661

■ 146.9890, 0.0054,
-1.7444

■ 151.9300, -0.4585,
7.0774

■ 156.4580, -1.2118,

15.3843

■ 161.3990, -1.6757,
24.2061

Harmonies

Analogous

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



124.6920, -13.1592, -26.0399



117.9840, 3.9519, -54.3600



104.5460, 24.8738, -91.6868

Triad

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



117.9840, 3.9519, -54.3600



134.4980, 24.8975, -5.6987



133.6940, -22.5271, 38.8564

Complementary

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



117.9840, 3.9519, -54.3600



86.0160, -3.9519, 54.3600

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.



134.7240, -11.2029, 46.7231



117.9840, 3.9519, -54.3600



137.0410, 14.7698, 22.7660

Square

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



117.9840, 3.9519, -54.3600



126.4720, 30.8263, -40.7559



136.1330, 1.9064, 41.9794



131.3300, -27.2777, 22.5126

Rectangle

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



117.9840, 3.9519, -54.3600



105.3100, 32.8782, -92.3569



136.1330, 1.9064, 41.9794



134.2260, -19.3384, 42.7748

Sweetspot

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



117.9840, 3.9519, -54.3600



179.3240, 1.8123, -21.3321



116.8810, -30.0143, -33.2216



89.8520, 1.0590, -13.0252



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.9840, 3.9519, -54.3600



144.3670, 6.2281, -84.5139



106.9910, 20.2174, -44.7191



71.6790, 0.1583, -4.1035



92.9760, 5.9278, -81.5400



6.7820, 0.6005, -5.9478

Inverse Universe

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



86.0160, -3.9519, 54.3600



94.6330, -6.2281, 84.5139



97.0090, -20.2174, 44.7191



69.2070, -0.5951, 4.2035



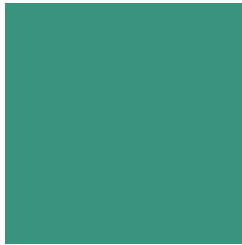
45.0240, -5.9278, 81.5400



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 117.9840, 3.9519, -54.3600 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 117.9840, 3.9519, -54.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

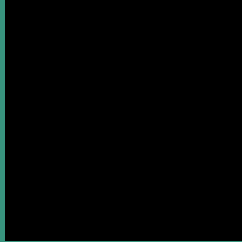
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9840, 3.9519, -54.3600

Background



This preview shows how black text looks on a background with the YUV color 117.9840, 3.9519, -54.3600.



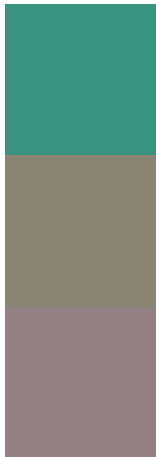
This preview shows how white text looks on a background with the YUV color 117.9840, 3.9519,

-54.3600.

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

117.9840, 3.9519, -54.3600

Protanopia

132.0840, -7.4364, 5.1883

Deuteranopia

133.6100, -1.7797, 10.8660



Tritanopia

122.5300, 16.0077, -47.8228

Trichromacy



Original Color

117.9840, 3.9519, -54.3600

Protanomaly

126.9780, -3.4402, -16.6437

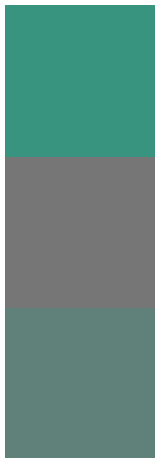
Deuteranomaly

127.7380, 0.6222, -12.9252

Tritanomaly

120.6670, 11.5032, -49.6970

Monochromacy



Original Color

117.9840, 3.9519, -54.3600

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9220, 1.5175, -20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9840, 3.9519, -54.3600 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(56, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(56, 148, 126)  
}
```

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(56, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 148, 126) }
```

Border

The CSS property to change the border of an element to YUV 117.9840, 3.9519, -54.3600 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(56, 148, 126) }
```


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

```
.border{ border-color:rgb(56, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(56, 148,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 117.9840, 3.9519, -54.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 148, 126) }
```

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

```
.background{ background-color: rgb(56, 148,  
126) }
```

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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