

Converting Colors

YUV(117.9530, 17.7712,
-53.4558)

Have a look what the booklet for
YUV(117.9530, 17.7712, -53.4558)
contains.

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Color

**YUV(117.9530, 17.7712,
-53.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	398E9A
RGB	57, 142, 154
RGB Percent	22%, 56%, 60%
CMY	0.7765, 0.4431, 0.3961
CMYK	0.63, 0.08, 0.00, 0.40
HSL	187°, 46%, 41%
HSV	187°, 63%, 60%
XYZ	17.1931, 22.5490, 34.0181
YIQ	117.9530, -54.5120, -14.2880

Conversions

Conversions Part 2

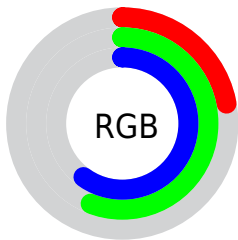
Format	Color
R_{YB}	57, 102, 154
Decimal	3772058
CIE _{Lab}	54.60, -21.56, -13.98
CIE _{LCh}	55, 25.691, 212.963
Yxy	22.5490, 0.2331, 0.3057
Android (android.graphics.Color)	4281962138 (0xFF398E9A)
YUV	117.9530, 17.7712, -53.4558
Hunter-Lab	47.4857, -18.4709, -9.2344




Details

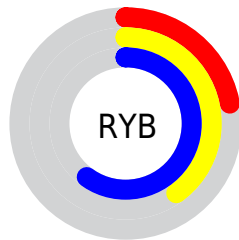
The YUV color **117.9530, 17.7712, -53.4558** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **93.0470, -17.7712, 53.4558**, and the grayscale version is **118.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **173.1490, 17.1815, -50.9967**, and **65.1590, 18.6556, -57.1444** is the 20% darker color. If you saturate the color by 10%, you get **112.2940, 20.5611, -61.6478**, and if you desaturate by 10%, it is **123.6120, 14.9813, -45.2637**.

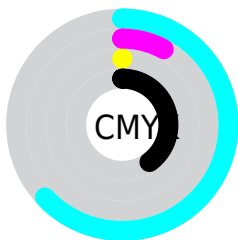
Distribution







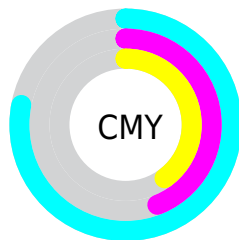
-  Red (22%)
-  Green (56%)
-  Blue (60%)






-  Red (22%)
-  Yellow (40%)
-  Blue (60%)



-  Cyan (63%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (78%)
-  Magenta (44%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9530, 17.7712, -53.4558 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 117.9530, 17.7712, -53.4558 by changing the saturation by 10% instead.

■ 117.9530, 17.7712,
-53.4558

■ 117.9530, 17.7712,
-53.4558

■ 255.0000, 0.0000,
0.0000

■ 88.6640, 19.3926,
-60.2183

■ 173.1490, 17.1815,
-50.9967

■ 65.1590, 18.6556,
-57.1444

■ 201.2630, 17.6183,
-51.0967

■ 48.9220, 14.8285,
-42.9046

■ 228.7100, 12.9610,
-50.6117

■ 32.7990, 11.4381,
-28.7647

■ 238.5550, 8.1074,
-33.8127

■ 19.2520, 7.7638,
-16.8840

■ 247.5250, 3.6852,
-15.3694

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 117.9530, 17.7712,
-53.4558

■ 117.9530, 17.7712,
-53.4558

■ 112.2940, 20.5611,
-61.6478

■ 123.6120, 14.9813,
-45.2637

■ 106.3360, 23.4984,
-70.4547

■ 129.5700, 12.0440,
-36.4569

■ 100.6770, 26.2882,
-78.6467

■ 135.2290, 9.2541,
-28.2648

■ 96.8010, 28.1991,
-84.8945

■ 141.1870, 6.3168,
-19.4580

■ 146.8460, 3.5269,
-11.2659

■ 151.9180, 1.0264,
-2.5591

■ 157.8760, -1.9109,
6.2477

■ 163.5350, -4.7008,
14.4398

■ 169.4930, -7.6380,
23.2466

Harmonies

Analogous

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



119.6200, 6.1033, -44.3937



117.9530, 17.7712, -53.4558



122.2130, 23.5590, -43.1598

Triad

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



117.9530, 17.7712, -53.4558



134.0320, 8.3652, 23.6509



129.1700, -21.2828, 13.0059

Complementary

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



117.9530, 17.7712, -53.4558



93.0470, -17.7712, 53.4558

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.



130.8390, -19.1476, 28.2052



117.9530, 17.7712, -53.4558



133.3510, -2.1450, 34.7722

Square

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



117.9530, 17.7712, -53.4558



132.9030, 17.3028, 3.5931



132.4300, -12.0440, 36.4569



126.9010, -16.7132, -6.0522

Rectangle

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



117.9530, 17.7712, -53.4558



126.3010, 23.5156, -29.2050



132.4300, -12.0440, 36.4569



129.6160, -21.0097, 18.7538

Sweetspot

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



117.9530, 17.7712, -53.4558



187.2900, 6.7590, -21.3023



115.1930, -23.2661, -51.0353



93.3620, 4.2585, -12.5955



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.9530, 17.7712, -53.4558



144.6870, 27.7623, -84.7945



89.7770, 31.6619, -28.7454



74.0210, 1.4686, -4.4034



88.1610, 25.5566, -77.3172



7.9390, 2.4951, -6.9625

Inverse Universe

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



95.6930, 22.8294, 51.1352



109.1370, 36.4145, 80.5639



121.2230, -31.6619, 28.7454



72.1900, 1.8783, 4.2184



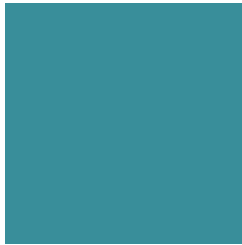
55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 117.9530, 17.7712, -53.4558 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 117.9530, 17.7712, -53.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

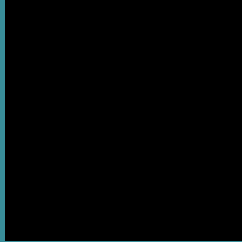
Any Text WCAG AA ✓ Pass

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 117.9530, 17.7712, -53.4558 Background



This preview shows how black text looks on a background with the YUV color 117.9530, 17.7712, -53.4558.

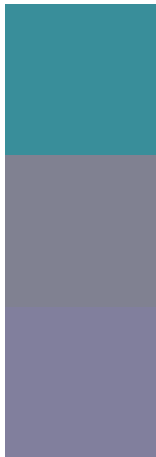


This preview shows how white text looks on a background with the YUV color 117.9530, 17.7712, -53.4558.

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

117.9530, 17.7712, -53.4558

Protanopia

130.5250, 7.1362, -2.2144

Deuteranopia

131.0180, 12.8091, -1.7698



Tritanopia

117.9530, 17.7712, -53.4558

Trichromacy



Original Color

117.9530, 17.7712, -53.4558

Protanomaly

126.0280, 10.8322, -21.0726

Deuteranomaly

126.0650, 14.7580, -20.2280

Tritanomaly

117.9530, 17.7712, -53.4558

Monochromacy



Original Color

117.9530, 17.7712, -53.4558

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1870, 6.3168, -19.4580

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9530, 17.7712, -53.4558 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(57, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(57, 142, 154)  
}
```

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(57, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 142, 154) }
```

Border

The CSS property to change the border of an element to YUV 117.9530, 17.7712, -53.4558 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(57, 142, 154) }
```


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

```
.border{ border-color:rgb(57, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(57, 142,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 117.9530, 17.7712, -53.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 142, 154) }
```

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

```
.background{ background-color: rgb(57, 142,  
154) }
```

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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