

Converting Colors

YUV(95.5400, 17.4818,
-53.9706)

Have a look what the booklet for
YUV(95.5400, 17.4818, -53.9706)
contains.

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Color

**YUV(95.5400, 17.4818,
-53.9706)**

Conversions

Conversions Part 1

Format	Color
Hex	227883
RGB	34, 120, 131
RGB Percent	13%, 47%, 51%
CMY	0.8667, 0.5294, 0.4863
CMYK	0.74, 0.08, 0.00, 0.49
HSL	187°, 59%, 32%
HSV	187°, 74%, 51%
XYZ	11.4729, 15.4117, 23.8428
YIQ	95.5400, -54.7870, -14.8110

Conversions

Conversions Part 2

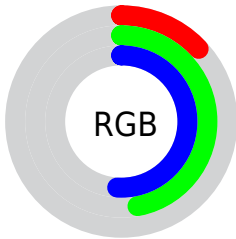
Format	Color
R_{YB}	34, 80, 131
Decimal	2259075
CIE _{Lab}	46.19, -20.97, -13.32
CIE _{LCh}	46, 24.841, 212.424
Yxy	15.4117, 0.2262, 0.3038
Android (android.graphics.Color)	4280449155 (0xFF227883)
YUV	95.5400, 17.4818, -53.9706
Hunter-Lab	39.2578, -16.5353, -8.5288




Details

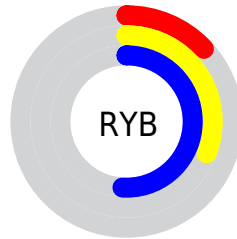
The YUV color **95.5400, 17.4818, -53.9706** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **69.4600, -17.4818, 53.9706**, and the grayscale version is **95.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **150.6330, 16.4499, -49.6671**, and **51.0250, 15.2707, -44.7489** is the 20% darker color. If you saturate the color by 10%, you get **91.0660, 19.6875, -61.4479**, and if you desaturate by 10%, it is **100.0140, 15.2761, -46.4933**.

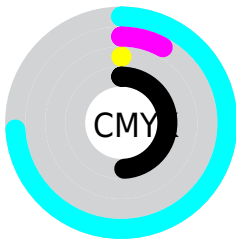
Distribution







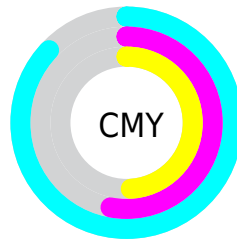
-  Red (13%)
-  Green (47%)
-  Blue (51%)






-  Red (13%)
-  Yellow (31%)
-  Blue (51%)



-  Cyan (74%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (87%)
-  Magenta (53%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5400, 17.4818, -53.9706 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 95.5400, 17.4818, -53.9706 by changing the saturation by 10% instead.

■ 95.5400, 17.4818,
-53.9706

■ 95.5400, 17.4818,
-53.9706

■ 255.0000, 0.0000,
0.0000

■ 67.8490, 18.8084,
-59.5036

■ 150.6330, 16.4499,
-49.6671

■ 51.0250, 15.2707,
-44.7489

■ 178.0460, 16.7393,
-49.1523

■ 34.9020, 11.8803,
-30.6091

■ 206.0460, 16.7393,
-49.1523

■ 21.2410, 7.7692,
-18.6284

■ 232.2760, 11.2029,
-46.7231

■ 2.4110, 6.6994,
-2.1144

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 95.5400, 17.4818,
-53.9706

■ 95.5400, 17.4818,
-53.9706

■ 91.0660, 19.6875,
-61.4479

■ 100.0140, 15.2761,
-46.4933

■ 86.0050, 22.1825,
-68.4104

■ 105.0750, 12.7810,
-39.5308

■ 83.0260, 23.6512,
-72.8138

■ 109.5490, 10.5753,
-32.0535

■ 114.6100, 8.0803,
-25.0910

■ 119.0840, 5.8746,
-17.6137

■ 124.4440, 3.2321,
-10.0364

■ 128.9180, 1.0264,
-2.5591

■ 133.9790, -1.4686,
4.4034

■ 138.4530, -3.6743,
11.8807

Harmonies

Analogous

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



98.5170, 5.6611, -42.5494



95.5400, 17.4818, -53.9706



100.5720, 22.3960, -43.4746

Triad

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



95.5400, 17.4818, -53.9706



112.6080, 8.0813, 21.3918



108.2130, -19.8250, 12.0912

Complementary

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



95.5400, 17.4818, -53.9706



69.4600, -17.4818, 53.9706

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.



109.7570, -18.1212, 25.6461



95.5400, 17.4818, -53.9706



112.0410, -1.9922, 32.4130

Square

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



95.5400, 17.4818, -53.9706



111.0770, 16.7240, 2.5635



110.9350, -11.3070, 33.3830



105.8410, -15.6976, -5.1226

Rectangle

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



95.5400, 17.4818, -53.9706



104.9590, 22.2052, -28.9050



110.9350, -11.3070, 33.3830



108.2460, -19.8413, 17.3243

Sweetspot

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



95.5400, 17.4818, -53.9706



157.2900, 6.7590, -21.3023



92.0790, -23.7029, -50.9353



78.3620, 4.2585, -12.5955



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.



95.5400, 17.4818, -53.9706



115.5730, 27.3255, -84.6945



67.9510, 31.0832, -29.7750



64.2060, 0.8844, -3.6887



82.3250, 23.5038, -72.1990



1.5160, 0.7316, -1.3295

Inverse Universe

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



72.8070, 23.2661, 51.0353



79.8380, 36.5619, 79.9491



97.0490, -31.0832, 29.7750



62.4780, 1.7363, 3.0888



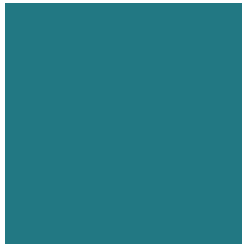
51.9800, 31.0689, 68.4235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 95.5400, 17.4818, -53.9706 looks on a white 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

Black Background



This preview shows how the YUV color 95.5400, 17.4818, -53.9706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

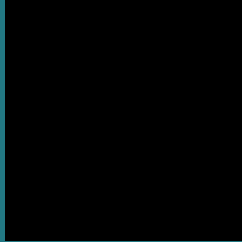
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5400, 17.4818, -53.9706

Background



This preview shows how black text looks on a background with the YUV color 95.5400, 17.4818, -53.9706.

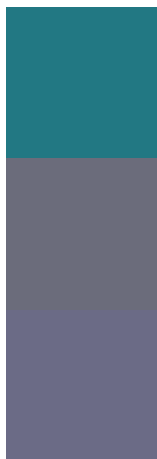


This preview shows how white text looks on a background with the YUV color 95.5400, 17.4818,

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

95.5400, 17.4818, -53.9706

Protanopia

109.4110, 6.6994, -2.1144

Deuteranopia

110.0780, 11.7935, -2.6994



Tritanopia

95.1270, 17.1924, -54.4854

Trichromacy



Original Color

95.5400, 17.4818, -53.9706

Protanomaly

104.0280, 10.8322, -21.0726

Deuteranomaly

104.8260, 13.8898, -21.7724

Tritanomaly

95.1270, 17.1924, -54.4854

Monochromacy



Original Color

95.5400, 17.4818, -53.9706

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5400, 17.4818, -53.9706 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(34, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(34, 120, 131)  
}
```

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(34, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 120, 131) }
```

Border

The CSS property to change the border of an element to YUV 95.5400, 17.4818, -53.9706 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(34, 120, 131) }
```


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

```
.border{ border-color:rgb(34, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(34, 120,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 95.5400, 17.4818, -53.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 120, 131) }
```

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

```
.background{ background-color: rgb(34, 120,  
131) }
```

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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