

Converting Colors

YUV(95.8910, 8.4347, -45.5084)

Have a look what the booklet for
YUV(95.8910, 8.4347, -45.5084)
contains.

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Color

**YUV(95.8910, 8.4347,
-45.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	2C7771
RGB	44, 119, 113
RGB Percent	17%, 47%, 44%
CMY	0.8275, 0.5333, 0.5569
CMYK	0.63, 0.00, 0.05, 0.53
HSL	175°, 46%, 32%
HSV	175°, 63%, 47%
XYZ	10.6162, 14.9214, 17.9434
YIQ	95.8910, -42.7740, -17.7660

Conversions

Conversions Part 2

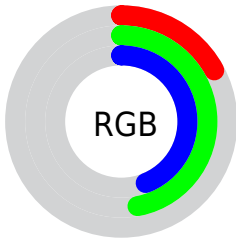
Format	Color
R_{YB}	44, 83, 119
Decimal	2914161
CIE _{Lab}	45.53, -24.41, -3.57
CIE _{LCh}	46, 24.665, 188.324
Y _{xy}	14.9214, 0.2442, 0.3432
Android (android.graphics.Color)	4281104241 (0xFF2C7771)
YUV	95.8910, 8.4347, -45.5084
Hunter-Lab	38.6282, -18.5423, -0.5013




Details

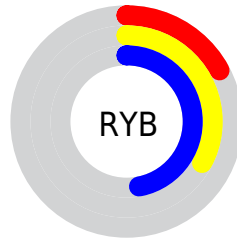
The YUV color **95.8910, 8.4347, -45.5084** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **67.1090, -8.4347, 45.5084**, and the grayscale version is **96.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **149.3750, 7.7031, -44.1789**, and **48.5000, 8.1345, -42.5345** is the 20% darker color. If you saturate the color by 10%, you get **92.1890, 9.7668, -52.7858**, and if you desaturate by 10%, it is **99.5930, 7.1027, -38.2311**.

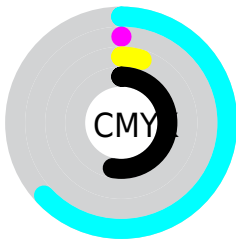
Distribution







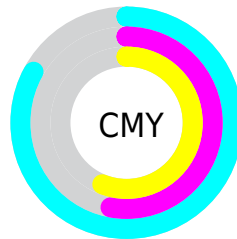
-  Red (17%)
-  Green (47%)
-  Blue (44%)






-  Red (17%)
-  Yellow (33%)
-  Blue (47%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (53%)



-  Cyan (83%)
-  Magenta (53%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8910, 8.4347, -45.5084 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 95.8910, 8.4347, -45.5084 by changing the saturation by 10% instead.

■ 95.8910, 8.4347,
-45.5084

■ 95.8910, 8.4347,
-45.5084

■ 255.0000, 0.0000,
0.0000

■ 67.4170, 10.6404,
-52.9857

■ 149.3750, 7.7031,
-44.1789

■ 48.5000, 8.1345,
-42.5345

■ 176.3750, 7.7031,
-44.1789

■ 32.4910, 5.1809,
-28.4946

■ 204.3750, 7.7031,
-44.1789

■ 19.0580, 1.9434,
-16.7139

■ 232.3750, 7.7031,
-44.1789

■ 0.0000, 0.0000,
0.0000

■ 241.5450, 6.6333,
-27.6650

■ 250.2160, 2.3585,

-9.8364

■ 95.8910, 8.4347,
-45.5084

■ 95.8910, 8.4347,
-45.5084

■ 92.1890, 9.7668,
-52.7858

■ 99.5930, 7.1027,
-38.2311

■ 88.4870, 11.0989,
-60.0631

■ 103.2950, 5.7706,
-30.9537

■ 84.7850, 12.4310,
-67.3404

■ 106.9970, 4.4385,
-23.6764

■ 82.2790, 13.1735,
-72.1587

■ 110.6990, 3.1064,
-16.3990

■ 114.1020, 1.9217,
-9.7365

■ 117.8040, 0.5896,
-2.4591

■ 121.5060, -0.7425,
4.8182

■ 125.2080, -2.0745,
12.0956

■ 128.9100, -3.4066,
19.3729

Harmonies

Analogous

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



100.3850, -4.1338, -27.5246



95.8910, 8.4347, -45.5084



94.2950, 19.0816, -53.7557

Triad

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



95.8910, 8.4347, -45.5084



109.9420, 14.8186, 7.0669



107.3330, -18.4052, 23.3870

Complementary

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



95.8910, 8.4347, -45.5084



67.1090, -8.4347, 45.5084

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.



108.8810, -12.7593, 32.5534



95.8910, 8.4347, -45.5084



110.7610, 6.0338, 24.7656

Square

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



95.8910, 8.4347, -45.5084



106.5800, 20.4201, -16.2947



109.9980, -3.4500, 33.3278



105.7180, -19.0880, 9.0173

Rectangle

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



95.8910, 8.4347, -45.5084



98.0340, 21.6752, -45.6338



109.9980, -3.4500, 33.3278



107.9960, -17.2530, 27.1905

Sweetspot

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



95.8910, 8.4347, -45.5084



146.6880, 3.1118, -18.1434



89.8190, -22.5888, -34.9213



73.5040, 2.2165, -10.9660



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.8910, 8.4347, -45.5084



119.2790, 13.1735, -72.1587



78.3780, 20.0266, -30.1495



57.0920, 0.4476, -3.5887



84.4960, 14.0525, -74.1030



172.9700, 28.1158, -151.6947

Inverse Universe

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



67.1090, -8.4347, 45.5084



73.7210, -13.1735, 72.1587



84.6220, -20.0266, 30.1495



54.7940, -0.8844, 3.6887



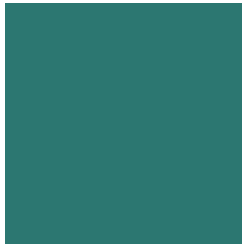
37.6180, -13.6157, 74.0030



77.0300, -28.1158, 151.6947

Previews

White Background



This preview shows how the YUV color 95.8910, 8.4347, -45.5084 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 95.8910, 8.4347, -45.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

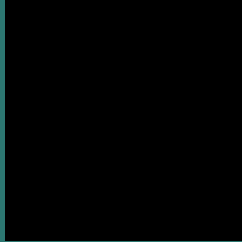
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8910, 8.4347, -45.5084

Background



This preview shows how black text looks on a background with the YUV color 95.8910, 8.4347, -45.5084.



This preview shows how white text looks on a background with the YUV color 95.8910, 8.4347, -45.5084.

-45.5084.

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

95.8910, 8.4347, -45.5084

Protanopia

107.4840, -0.7316, 1.3295

Deuteranopia

108.0590, 3.9149, 4.3333



Tritanopia

97.9930, 13.8075, -42.0899

Trichromacy



Original Color

95.8910, 8.4347, -45.5084

Protanomaly

102.9980, 2.9590, -15.7842

Deuteranomaly

103.4050, 5.7163, -13.5102

Tritanomaly

97.4120, 11.6289, -43.3343

Monochromacy



Original Color

95.8910, 8.4347, -45.5084

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6990, 3.1064, -16.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8910, 8.4347, -45.5084 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(44, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(44, 119, 113)  
}
```

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(44, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 119, 113) }
```

Border

The CSS property to change the border of an element to YUV 95.8910, 8.4347, -45.5084 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(44, 119, 113) }
```


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

```
.border{ border-color:rgb(44, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(44, 119,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 95.8910, 8.4347, -45.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 119, 113) }
```

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

```
.background{ background-color: rgb(44, 119,  
113) }
```

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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