

Converting Colors

YUV(108.5460, 4.6608,
-95.1948)

Have a look what the booklet for
YUV(108.5460, 4.6608, -95.1948)
contains.

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Color

**YUV(108.5460, 4.6608,
-95.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	00A276
RGB	0, 162, 118
RGB Percent	0%, 64%, 46%
CMY	1.0000, 0.3647, 0.5373
CMYK	1.00, 0.00, 0.27, 0.36
HSL	164°, 100%, 32%
HSV	164°, 100%, 64%
XYZ	16.1903, 27.1487, 21.5264
YIQ	108.5460, -82.4280, -48.0280

Conversions

Conversions Part 2

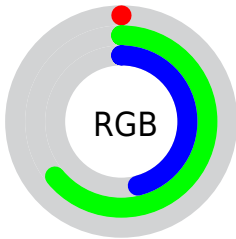
Format	Color
RYB	0, 94, 162
Decimal	41590
CIELab	59.11, -46.59, 12.99
CIELCh	59, 48.367, 164.419
Yxy	27.1487, 0.2496, 0.4185
Android (android.graphics.Color)	4278231670 (0xFF00A276)
YUV	108.5460, 4.6608, -95.1948
Hunter-Lab	52.1044, -35.7175, 11.9780

Details

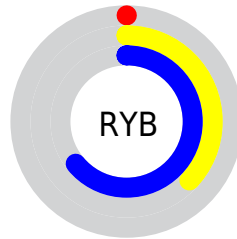
The YUV color **108.5460, 4.6608, -95.1948** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **53.4540, -4.6608, 95.1948**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2560, -2.0982, -73.8925**, and **71.9630, -0.9678, -63.1116** is the 20% darker color. If you saturate the color by 10%, you get **108.5460, 4.6608, -95.1948**, and if you desaturate by 10%, it is **113.7860, 4.0495, -85.7583**.

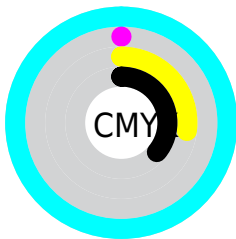
Distribution



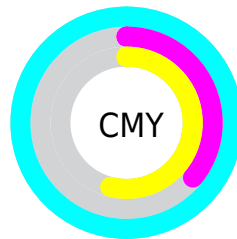
- Red (0%)
- Green (64%)
- Blue (46%)



- Red (0%)
- Yellow (37%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5460, 4.6608, -95.1948 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 108.5460, 4.6608, -95.1948 by changing the saturation by 10% instead.

■ 108.5460, 4.6608,
-95.1948

■ 108.5460, 4.6608,
-95.1948

■ 255.0000, 0.0000,
0.0000

■ 89.8470, 1.5544,
-78.7958

■ 174.2560, -2.0982,
-73.8925

■ 71.9630, -0.9678,
-63.1116

■ 203.4410, -2.6824,
-73.1778

■ 54.6660, -3.7793,
-47.9421

■ 220.2990, 2.8106,
-61.6522

■ 37.5970, -5.7173,
-32.9726

■ 232.1620, 10.7661,
-46.6231

■ 22.3060, -10.9969,
-19.5624

■ 241.2460, 6.7807,
-28.2797

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 108.5460, 4.6608,
-95.1948

■ 113.7860, 4.0495,
-85.7583

■ 119.1400, 3.8750,
-76.4218

■ 124.6790, 3.1163,
-66.3705

■ 130.0330, 2.9417,
-57.0339

■ 135.2730, 2.3304,
-47.5974

■ 140.5130, 1.7191,
-38.1609

■ 145.8670, 1.5446,
-28.8244

■ 151.4060, 0.7858,
-18.7731

■ 156.7600, 0.6113,
-9.4365

Harmonies

Analogous

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



130.1790, -25.2312, -27.3440



108.5460, 4.6608, -95.1948



114.7360, 23.3012, -100.6235

Triad

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



108.5460, 4.6608, -95.1948



139.5240, 42.1397, -29.4005



141.1700, -27.6918, 62.1179

Complementary

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



108.5460, 4.6608, -95.1948



53.4540, -4.6608, 95.1948

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.



142.6220, -9.6736, 69.6145



108.5460, 4.6608, -95.1948



146.7710, 27.7209, 22.1258

Square

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



108.5460, 4.6608, -95.1948



115.3470, 53.5659, -101.1593



144.8110, 10.4462, 56.2938



139.4110, -40.1356, 39.9816

Rectangle

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



108.5460, 4.6608, -95.1948



116.6400, 35.6735, -102.2933



144.8110, 10.4462, 56.2938



141.6850, -22.0297, 66.0513

Sweetspot

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



108.5460, 4.6608, -95.1948



190.8120, 1.5717, -37.5461



108.8480, -53.6621, -55.1177



94.4980, 1.2335, -22.3617



235.0000, 0.0000, 0.0000



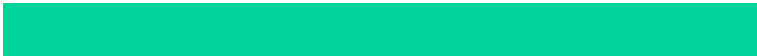
107.0000, 0.0000, 0.0000

Same Dimension

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



108.5460, 4.6608, -95.1948



142.0000, 5.9160, -124.5340



93.0170, 34.0086, -81.5759



78.9670, 0.0163, -5.2331



97.1990, 4.3389, -85.2435



12.0480, 0.4693, -10.5661

Inverse Universe

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



53.4540, -4.6608, 95.1948



69.8860, -6.3528, 124.6340



68.9830, -34.0086, 81.5759



76.0330, -0.0163, 5.2331



47.8010, -4.3389, 85.2435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 108.5460, 4.6608, -95.1948 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 108.5460, 4.6608, -95.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

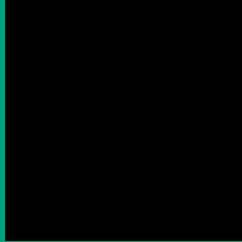
Any Text WCAG AA ✓ Pass

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 108.5460, 4.6608, -95.1948 Background



This preview shows how black text looks on a background with the YUV color 108.5460, 4.6608, -95.1948.



This preview shows how white text looks on a background with the YUV color 108.5460, 4.6608,

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

108.5460, 4.6608, -95.1948

Protanopia

140.2280, -15.8884, 9.4470

Deuteranopia

142.1070, -8.9268, 16.5692



Tritanopia

125.9840, 20.7139, -64.0070

Trichromacy



Original Color

108.5460, 4.6608, -95.1948



Protanomaly

128.9350, -8.3490, -28.8840



Deuteranomaly

129.5210, -3.7079, -24.1359



Tritanomaly

120.0120, 14.7841, -75.4325

Monochromacy



Original Color

108.5460, 4.6608, -95.1948



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.5350, 1.7082, -34.6722

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5460, 4.6608, -95.1948 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(0, 162, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 118)  
}
```

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(0, 162, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 118) }
```

Border

The CSS property to change the border of an element to YUV 108.5460, 4.6608, -95.1948 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(0, 162, 118) }
```


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

```
.border{ border-color:rgb(0, 162, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 108.5460, 4.6608, -95.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 118) }
```

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

```
.background{ background-color: rgb(0, 162,  
118) }
```

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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