

Converting Colors

YUV(96.0550, -46.8621,
50.8178)

Have a look what the booklet for
YUV(96.0550, -46.8621, 50.8178)
contains.

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Color

**YUV(96.0550, -46.8621,
50.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5501
RGB	154, 85, 1
RGB Percent	60%, 33%, 0%
CMY	0.3961, 0.6667, 0.9961
CMYK	0.00, 0.45, 0.99, 0.40
HSL	33°, 99%, 30%
HSV	33°, 99%, 60%
XYZ	16.5804, 13.3692, 1.7353
YIQ	96.0550, 68.0880, -11.4960

Conversions

Conversions Part 2

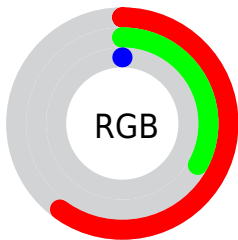
Format	Color
R_{YB}	127, 154, 1
Decimal	10114305
CIE Lab	43.31, 23.71, 51.93
CIE LCh	43, 57.091, 65.461
Yxy	13.3692, 0.5233, 0.4219
Android (android.graphics.Color)	4288304385 (0xFF9A5501)
YUV	96.0550, -46.8621, 50.8178
Hunter-Lab	36.5639, 16.9563, 22.7808

Details

The YUV color **96.0550, -46.8621, 50.8178** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **58.9450, 46.8621, -50.8178**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9570, -44.8418, 56.1657**, and **51.5970, -25.4373, 38.9414** is the 20% darker color. If you saturate the color by 10%, you get **95.9410, -47.2989, 50.9177**, and if you desaturate by 10%, it is **101.8740, -42.3359, 45.7145**.

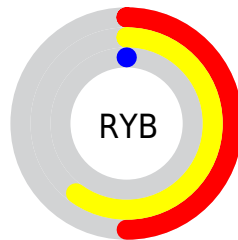
Distribution



Red (60%)

Green (33%)

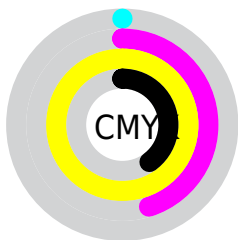
Blue (0%)



Red (50%)

Yellow (60%)

Blue (0%)

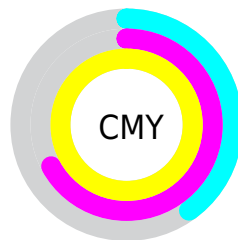


Cyan (0%)

Magenta (45%)

Yellow (99%)

Black (40%)



Cyan (40%)


Magenta (67%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 96.0550, -46.8621, 50.8178 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 96.0550, -46.8621, 50.8178 by changing the saturation by 10% instead.


 96.0550, -46.8621,
50.8178

 96.0550, -46.8621,
50.8178


 254.2020, -3.0576,
0.6998

 73.1820, -36.0787,
45.4444

 149.9570,
-44.8418, 56.1657


 51.5970, -25.4373,
38.9414


 177.6260,
-46.1576, 58.2100


 29.7240, -14.6539,
33.5681

 199.7280,
-44.2359, 48.4735

 12.8570, -6.3385,
26.4354

 219.1280,
-40.9821, 31.4597


 0.0000, 0.0000,
0.0000


 238.6420,
-37.2915, 14.3460


 247.7040,

-27.9551, 6.3986

 250.8960,
-15.7247, 3.5992


 96.0550, -46.8621,
50.8178


 96.0550, -46.8621,
50.8178


 95.9410, -47.2989,
50.9177

 101.8740,
-42.3359, 45.7145

 107.8070,
-37.3729, 40.5113

 113.6260,
-32.8466, 35.4080

 119.5590,
-27.8836, 30.2048

 125.3780,
-23.3574, 25.1015

■ 131.1970,
-18.8311, 19.9982

■ 137.1300,
-13.8681, 14.7950

■ 142.9490, -9.3419,
9.6917

■ 148.8820, -4.3788,
4.4885

Harmonies

Analogous

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



96.2020, -22.7776, 72.6138



96.0550, -46.8621, 50.8178



95.1450, -46.9065, 18.2898

Triad

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



96.0550, -46.8621, 50.8178



85.3280, 12.1633, -74.8327



104.2020, 37.3684, 7.7158

Complementary

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



96.0550, -46.8621, 50.8178



58.9450, 46.8621, -50.8178

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.



84.0930, 55.6632, -73.7496



96.0550, -46.8621, 50.8178



89.9850, 32.5454, -78.9168

Square

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



96.0550, -46.8621, 50.8178



77.9810, -8.3716, -68.3893



90.6980, 47.9699, -79.5421



102.0310, 20.1977, 55.2238

Rectangle

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



96.0550, -46.8621, 50.8178



91.1590, -44.9414, -5.4014



90.6980, 47.9699, -79.5421



101.1390, 42.8225, -15.0309

Sweetspot

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



96.0550, -46.8621, 50.8178



178.3110, -18.3943, 19.8983



54.8410, 8.4594, 86.9624



87.8030, -11.2419, 12.4508



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.



96.0550, -46.8621, 50.8178



125.2560, -61.7512, 66.4275



135.0630, -66.0931, 12.2227



73.7400, -2.3368, 2.8590



87.0590, -42.9201, 46.4293



7.9960, -3.9420, 4.3885

Inverse Universe

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



58.9450, 46.8621, -50.8178



76.3310, 61.4618, -66.9423



19.9370, 66.0931, -12.2227



71.6730, 2.6262, -2.3442



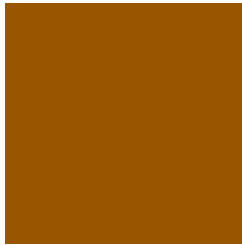
52.9410, 42.9201, -46.4293



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 96.0550, -46.8621, 50.8178 looks on a white background.

Color Contrast Check

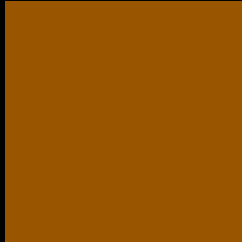
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.0550, -46.8621, 50.8178 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 96.0550, -46.8621, 50.8178

Background



This preview shows how black text looks on a background with the YUV color 96.0550, -46.8621, 50.8178.



This preview shows how white text looks on a background with the YUV color 96.0550, -46.8621,

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

96.0550, -46.8621, 50.8178

Protanopia

96.6270, -41.2281, 16.9901

Deuteranopia

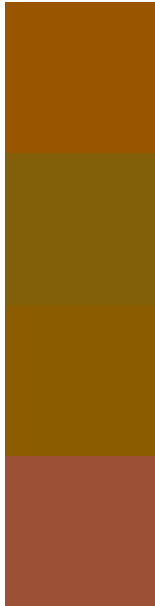
96.3960, -47.5232, 29.4707



Tritanopia

103.0060, -8.8770, 47.3527

Trichromacy



Original Color

96.0550, -46.8621, 50.8178

Protanomaly

96.2480, -43.0133, 29.6005

Deuteranomaly

96.1520, -47.4029, 37.5777

Tritanomaly

100.3470, -22.8491, 48.8077

Monochromacy



Original Color

96.0550, -46.8621, 50.8178

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9410, -17.2259, 18.4687

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0550, -46.8621, 50.8178 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(154, 85, 1)` looks like.

```
.text, #text, p{  
    color:rgb(154, 85, 1)  
}
```

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(154, 85, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 85, 1) }
```

Border

The CSS property to change the border of an element to YUV 96.0550, -46.8621, 50.8178 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(154, 85, 1) }
```


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

```
.border{ border-color:rgb(154, 85, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 85, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 85, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 85, 1);  
box-shadow:4px 4px 4px 4px rgb(154, 85, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 96.0550, -46.8621, 50.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 85, 1) }
```

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

```
.background{ background-color: rgb(154, 85,  
1) }
```

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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