

Converting Colors

YUV(95.9190, -47.2881,
47.4290)

Have a look what the booklet for
YUV(95.9190, -47.2881, 47.4290)
contains.

YUV(95.9190, -47.2881, 47.4290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(95.9190, -47.2881,
47.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	965700
RGB	150, 87, 0
RGB Percent	59%, 34%, 0%
CMY	0.4118, 0.6588, 1.0000
CMYK	0.00, 0.42, 1.00, 0.41
HSL	35°, 100%, 29%
HSV	35°, 100%, 59%
XYZ	15.9859, 13.3004, 1.7247
YIQ	95.9190, 65.4750, -13.7010

Conversions

Conversions Part 2

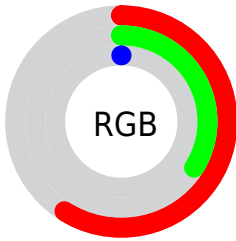
Format	Color
RYB	109, 150, 0
Decimal	9852672
CIELab	43.21, 20.77, 51.86
CIELCh	43, 55.867, 68.175
Yxy	13.3004, 0.5155, 0.4289
Android (android.graphics.Color)	4288042752 (0xFF965700)
YUV	95.9190, -47.2881, 47.4290
Hunter-Lab	36.4697, 14.4203, 22.7249

Details

The YUV color **95.9190, -47.2881, 47.4290** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **54.0810, 47.2881, -47.4290**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5220, -45.1203, 52.1622**, and **51.8740, -25.5739, 36.0675** is the 20% darker color. If you saturate the color by 10%, you get **95.9190, -47.2881, 47.4290**, and if you desaturate by 10%, it is **101.1510, -42.4724, 42.8406**.

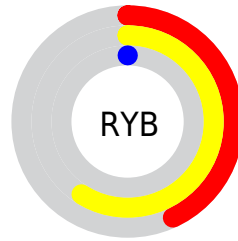
Distribution



Red (59%)

Green (34%)

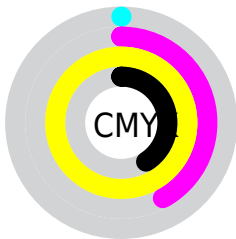
Blue (0%)



Red (43%)

Yellow (59%)

Blue (0%)

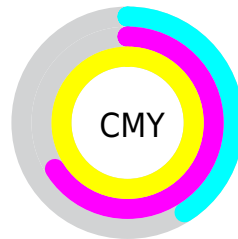


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9190, -47.2881, 47.4290 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 95.9190, -47.2881, 47.4290 by changing the saturation by 10% instead.

95.9190, -47.2881,
47.4290

95.9190, -47.2881,
47.4290

254.2020, -3.0576,
0.6998

73.1600, -36.0679,
41.9557

149.5220,
-45.1203, 52.1622

51.8740, -25.5739,
36.0675

177.0170,
-45.8574, 55.2361

30.5880, -15.0799,
30.1793

200.7880,
-45.2515, 47.5439

12.2590, -6.0437,
25.2059

220.3020,
-41.5609, 30.4301


0.0000, 0.0000,
0.0000


239.8160,
-37.8703, 13.3164


247.7040,


-27.9551, 6.3986


 250.8960,
-15.7247, 3.5992


 95.9190, -47.2881,
47.4290

 101.1510,
-42.4724, 42.8406

 106.9700,
-37.9462, 37.7373

 112.2020,
-33.1306, 33.1488

 117.4340,
-28.3150, 28.5604

 123.2530,
-23.7887, 23.4571

■ 128.4850,
-18.9731, 18.8687

■ 133.7170,
-14.1575, 14.2802

■ 138.9490, -9.3419,
9.6917

■ 144.7680, -4.8156,
4.5885

Harmonies

Analogous

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



96.7240, -24.5139, 69.5251



95.9190, -47.2881, 47.4290



94.5360, -46.6062, 15.3159

Triad

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



95.9190, -47.2881, 47.4290



85.1970, 14.1999, -74.7178



104.8390, 34.5894, 12.4192

Complementary

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



95.9190, -47.2881, 47.4290



54.0810, 47.2881, -47.4290

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.



83.1640, 54.6421, -72.9348



95.9190, -47.2881, 47.4290



89.6260, 33.7084, -78.6020

Square

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



95.9190, -47.2881, 47.4290



78.5510, -6.1876, -68.8892



89.5240, 48.5487, -78.5125



101.0590, 17.7189, 56.9533

Rectangle

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



95.9190, -47.2881, 47.4290



89.6640, -44.2044, -8.4753



89.5240, 48.5487, -78.5125



102.2000, 40.3274, -8.0684

Sweetspot

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



95.9190, -47.2881, 47.4290



172.7130, -18.0995, 18.6687



52.2600, 6.2808, 85.7180



84.2050, -10.9471, 11.2212



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



95.9190, -47.2881, 47.4290



123.7500, -61.0087, 61.6093



129.9100, -64.0456, 8.8489



71.4410, -2.1894, 2.2442



88.2220, -43.4934, 43.6553



6.5120, -3.2104, 3.0590

Inverse Universe

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



54.0810, 47.2881, -47.4290



69.6630, 61.2981, -61.0945



20.0900, 64.0456, -8.8489



69.5590, 2.1894, -2.2442



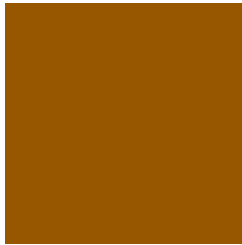
49.7780, 43.4934, -43.6553



3.4880, 3.2104, -3.0590

Previews

White Background



This preview shows how the YUV color 95.9190, -47.2881, 47.4290 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 95.9190, -47.2881, 47.4290 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 95.9190, -47.2881, 47.4290

Background



This preview shows how black text looks on a background with the YUV color 95.9190, -47.2881, 47.4290.



This preview shows how white text looks on a background with the YUV color 95.9190, -47.2881,

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



Protanopia

96.5130, -41.6649, 17.0901

Deuteranopia

95.8090, -47.2338, 29.9855

Tritanopia

103.2120, -7.9925, 43.6641

Trichromacy



Protanomaly

96.1230, -43.4446, 27.9561

Deuteranomaly

95.5540, -47.1081, 36.3481

Tritanomaly

100.4390, -22.4014, 45.2190

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2290, -17.3679, 17.3392

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9190, -47.2881, 47.4290 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(150, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 87, 0)  
}
```

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(150, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 87, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.9190, -47.2881, 47.4290 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(150, 87, 0) }
```

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

```
.border{ border-color:rgb(150, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(150, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 87, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 95.9190, -47.2881, 47.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 87, 0) }
```

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

```
.background{ background-color: rgb(150, 87,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor