

Converting Colors

YUV(95.9410, -47.2989,
50.9177)

Have a look what the booklet for
YUV(95.9410, -47.2989, 50.9177)
contains.

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Color

**YUV(95.9410, -47.2989,
50.9177)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5500
RGB	154, 85, 0
RGB Percent	60%, 33%, 0%
CMY	0.3961, 0.6667, 1.0000
CMYK	0.00, 0.45, 1.00, 0.40
HSL	33°, 100%, 30%
HSV	33°, 100%, 60%
XYZ	16.5749, 13.3670, 1.7065
YIQ	95.9410, 68.4090, -11.8070

Conversions

Conversions Part 2

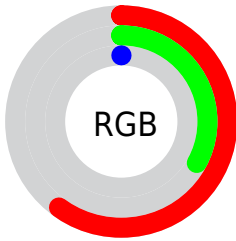
Format	Color
RYB	125, 154, 0
Decimal	10114304
CIELab	43.31, 23.69, 52.21
CIElCh	43, 57.334, 65.591
Yxy	13.3670, 0.5237, 0.4224
Android (android.graphics.Color)	4288304384 (0xFF9A5500)
YUV	95.9410, -47.2989, 50.9177
Hunter-Lab	36.5609, 16.9414, 22.8253

Details

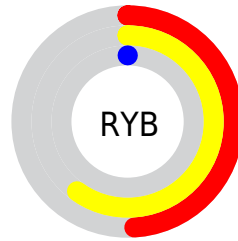
The YUV color **95.9410, -47.2989, 50.9177** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **58.0590, 47.2989, -50.9177**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8430, -45.2786, 56.2657**, 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 **101.7600, -42.7727, 45.8145**.

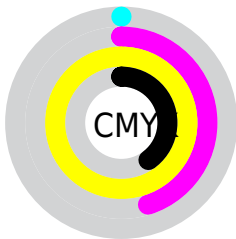
Distribution



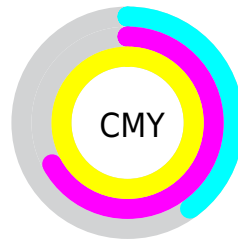
- Red (60%)
- Green (33%)
- Blue (0%)



- Red (49%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)
- Black (40%)





- Cyan (40%)
- Magenta (67%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 95.9410, -47.2989, 50.9177 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 95.9410, -47.2989, 50.9177 by changing the saturation by 10% instead.


 95.9410, -47.2989,
50.9177


 95.9410, -47.2989,
50.9177


 254.0880, -3.4944,
0.7998

 73.1820, -36.0787,
45.4444


 149.8430,
-45.2786, 56.2657


 51.5970, -25.4373,
38.9414

 177.5120,
-46.5944, 58.3100


 29.7240, -14.6539,
33.5681

 199.6140,
-44.6727, 48.5735

 12.8570, -6.3385,
26.4354

 219.1280,
-40.9821, 31.4597


 0.0000, 0.0000,
0.0000

 238.6420,
-37.2915, 14.3460

 247.5900,


-28.3919, 6.4986

 250.8960,
-15.7247, 3.5992


 95.9410, -47.2989,
50.9177

 101.7600,
-42.7727, 45.8145

 107.6930,
-37.8096, 40.6112

 113.5120,
-33.2834, 35.5080

 119.4450,
-28.3204, 30.3047

 125.2640,
-23.7942, 25.2015

■ 130.4960,
-18.9785, 20.6130

■ 136.4290,
-14.0155, 15.4098

■ 142.2480, -9.4893,
10.3065

■ 148.1810, -4.5262,
5.1033

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



95.9410, -47.2989, 50.9177



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.



95.9410, -47.2989, 50.9177



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.



95.9410, -47.2989, 50.9177



58.0590, 47.2989, -50.9177

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.



84.2070, 56.0999, -73.8495



95.9410, -47.2989, 50.9177



90.0990, 32.9822, -79.0168

Square

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



95.9410, -47.2989, 50.9177



77.9810, -8.3716, -68.3893



90.8120, 48.4067, -79.6421



101.3300, 20.0503, 55.8386

Rectangle

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



95.9410, -47.2989, 50.9177



90.8600, -44.7940, -6.0162



90.8120, 48.4067, -79.6421



101.5520, 43.1119, -14.5161

Sweetspot

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



95.9410, -47.2989, 50.9177



178.3110, -18.3943, 19.8983



53.9120, 7.4384, 87.7772



88.3900, -11.5313, 11.9360



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.



95.9410, -47.2989, 50.9177



125.2560, -61.7512, 66.4275



134.0520, -66.0876, 10.4784



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.



58.0590, 47.2989, -50.9177



75.7440, 61.7512, -66.4275



19.9480, 66.0876, -10.4784



71.6730, 2.6262, -2.3442



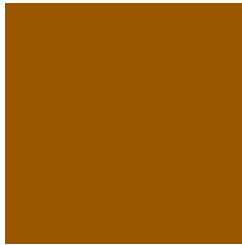
52.9410, 42.9201, -46.4293



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 95.9410, -47.2989, 50.9177 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 95.9410, -47.2989, 50.9177 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 95.9410, -47.2989, 50.9177

Background



This preview shows how black text looks on a background with the YUV color 95.9410, -47.2989, 50.9177.



This preview shows how white text looks on a background with the YUV color 95.9410, -47.2989,

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

95.9410, -47.2989, 50.9177

Protanopia

96.6270, -41.2281, 16.9901

Deuteranopia

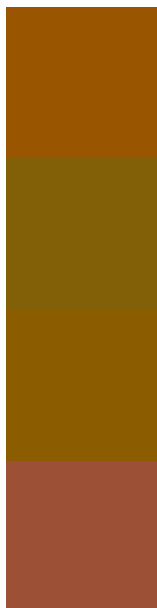
96.3960, -47.5232, 29.4707



Tritanopia

103.0060, -8.8770, 47.3527

Trichromacy



Original Color

95.9410, -47.2989, 50.9177

Protanomaly

96.1340, -43.4501, 29.7005

Deuteranomaly

96.1520, -47.4029, 37.5777

Tritanomaly

100.3470, -22.8491, 48.8077

Monochromacy



Original Color

95.9410, -47.2989, 50.9177

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 95.9410, -47.2989, 50.9177 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 85, 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(154, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 85, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.9410, -47.2989, 50.9177 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, 0) }
```


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

```
.border{ border-color:rgb(154, 85, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.9410, -47.2989, 50.9177 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, 0) }
```

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

```
.background{ background-color: rgb(154, 85,  
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](#).

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