

Converting Colors

YUV(98.8940, -45.7967,
82.5310)

Have a look what the booklet for
YUV(98.8940, -45.7967, 82.5310)
contains.

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Color

**YUV(98.8940, -45.7967,
82.5310)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | C14506 |
| RGB | 193, 69, 6 |
| RGB Percent | 76%, 27%, 2% |
| CMY | 0.2431, 0.7294, 0.9765 |
| CMYK | 0.00, 0.64, 0.97, 0.24 |
| HSL | 20°, 94%, 39% |
| HSV | 20°, 97%, 76% |
| XYZ | 24.1533, 15.6068, 1.9117 |
| YIQ | 98.8940, 94.1270, 6.6950 |

Conversions

Conversions Part 2

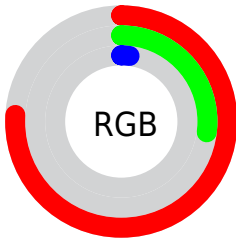
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 193, 101, 6 |
| Decimal | 12666118 |
| CIE Lab | 46.45, 47.50, 55.70 |
| CIE LCh | 46, 73.203, 49.542 |
| Yxy | 15.6068, 0.5796, 0.3745 |
| Android (android.graphics.Color) | 4290856198 (0xFFC14506) |
| YUV | 98.8940, -45.7967, 82.5310 |
| Hunter-Lab | 39.5055, 39.9987, 24.7848 |

Details

The YUV color **98.8940, -45.7967, 82.5310** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **100.1060, 45.7967, -82.5310**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9270, -45.8130, 87.7640**, and **42.6910, -21.0467, 77.4470** is the 20% darker color. If you saturate the color by 10%, you get **95.8620, -47.2600, 85.1900**, and if you desaturate by 10%, it is **108.6910, -41.2597, 73.9390**.

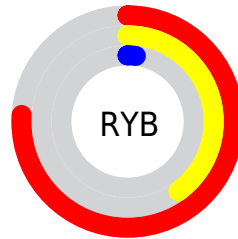
Distribution



Red (76%)

Green (27%)

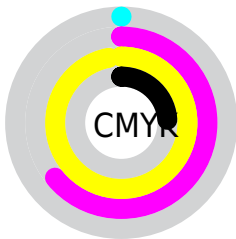
Blue (2%)



Red (76%)

Yellow (40%)

Blue (2%)

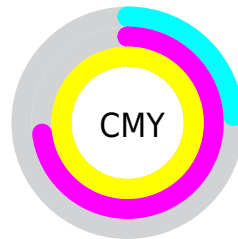


Cyan (0%)

Magenta (64%)

Yellow (97%)

Black (24%)



Cyan (24%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8940, -45.7967, 82.5310 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 98.8940, -45.7967, 82.5310 by changing the saturation by 10% instead.

■ 98.8940, -45.7967,
82.5310

■ 98.8940, -45.7967,
82.5310

■ 254.5440, -1.7472,
0.3999

■ 73.0920, -36.0344,
77.9723

■ 154.9270,
-45.8130, 87.7640

■ 42.6910, -21.0467,
77.4470

■ 173.6260,
-42.7066, 71.3650

■ 29.9000, -14.7407,
61.4777

■ 192.9120,
-39.8896, 54.4512

■ 21.2290, -10.4659,
43.6492

■ 212.4260,
-36.1990, 37.3374


■ 13.2700, -6.0491,
26.9502


■ 232.5270,
-32.7978, 19.7088


■ 0.0000, 0.0000,
0.0000


■ 248.0460,


-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993


 98.8940, -45.7967,
82.5310


 98.8940, -45.7967,
82.5310

 95.8620, -47.2600,
85.1900

 108.6910,
-41.2597, 73.9390

 118.6020,
-36.2858, 65.2470

 127.8120,
-31.4593, 57.1699

 137.6090,
-26.9222, 48.5779

 147.4060,
-22.3852, 39.9859

■ 157.3170,
-17.4113, 31.2940

■ 167.1140,
-12.8742, 22.7020

■ 176.3240, -8.0477,
14.6249

■ 186.2350, -3.0739,
5.9329

Harmonies

Analogous

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



88.1570, -7.4724, 110.3643



98.8940, -45.7967, 82.5310



104.1480, -51.3450, 41.9662

Triad

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



98.8940, -45.7967, 82.5310



89.0490, -1.5032, -78.0960



94.8140, 65.6607, -60.3499

Complementary

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



98.8940, -45.7967, 82.5310



100.1060, 45.7967, -82.5310

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.



99.2360, 65.4527, -87.0300



98.8940, -45.7967, 82.5310



96.9320, 26.1625, -85.0094

Square

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



98.8940, -45.7967, 82.5310



77.6780, -32.3793, -68.1236



101.8000, 49.8916, -89.2786



110.7040, 39.5859, 43.2326

Rectangle

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



98.8940, -45.7967, 82.5310



101.6020, -50.0898, 12.6270



101.8000, 49.8916, -89.2786



92.3060, 69.3621, -80.9524

Sweetspot

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



98.8940, -45.7967, 82.5310



213.5020, -17.9955, 32.0087



76.1630, 27.0346, 102.4660



102.9610, -10.8268, 19.3282



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



98.8940, -45.7967, 82.5310



124.0580, -61.1606, 110.4511



153.4850, -72.7101, 34.6547



91.7510, -2.3422, 4.6034



79.8370, -39.3596, 71.1800



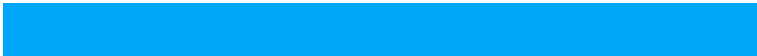
16.3240, -8.0477, 14.6249

Inverse Universe

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



100.1060, 45.7967, -82.5310



125.9420, 61.1606, -110.4511



45.5150, 72.7101, -34.6547



92.2490, 2.3422, -4.6034



81.1630, 39.3596, -71.1800



16.6760, 8.0477, -14.6249

Previews

White Background



This preview shows how the YUV color 98.8940, -45.7967, 82.5310 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 98.8940, -45.7967, 82.5310 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 98.8940, -45.7967, 82.5310

Background



This preview shows how black text looks on a background with the YUV color 98.8940, -45.7967, 82.5310.



This preview shows how white text looks on a background with the YUV color 98.8940, -45.7967,

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

98.8940, -45.7967, 82.5310

Protanopia

104.9260, -41.3755, 17.6049

Deuteranopia

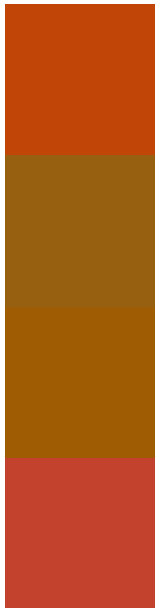
103.4950, -51.0230, 32.0149



Tritanopia

103.3260, -17.4157, 79.5211

Trichromacy



Original Color

98.8940, -45.7967, 82.5310

Protanomaly

103.0260, -42.9038, 41.1962

Deuteranomaly

101.7730, -49.1881, 50.1881

Tritanomaly

101.8780, -28.0409, 80.7910

Monochromacy



Original Color

98.8940, -45.7967, 82.5310

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8330, -16.6797, 29.9645

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8940, -45.7967, 82.5310 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(193, 69, 6)` looks like.

```
.text, #text, p{  
    color:rgb(193, 69, 6)  
}
```

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(193, 69, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 69, 6) }
```

Border

The CSS property to change the border of an element to YUV 98.8940, -45.7967, 82.5310 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(193, 69, 6) }
```


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

```
.border{ border-color:rgb(193, 69, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 69, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 69, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 69, 6);  
box-shadow:4px 4px 4px 4px rgb(193, 69, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 98.8940, -45.7967, 82.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 69, 6) }
```

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

```
.background{ background-color: rgb(193, 69,  
6) }
```

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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