

Converting Colors

YUV(98.8510, -43.8035,
96.6007)

Have a look what the booklet for
YUV(98.8510, -43.8035, 96.6007)
contains.

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Color

**YUV(98.8510, -43.8035,
96.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	D13C0A
RGB	209, 60, 10
RGB Percent	82%, 24%, 4%
CMY	0.1804, 0.7647, 0.9608
CMYK	0.00, 0.71, 0.95, 0.18
HSL	15°, 91%, 43%
HSV	15°, 95%, 82%
XYZ	27.9651, 16.8089, 2.0577
YIQ	98.8510, 104.8540, 16.0380

Conversions

Conversions Part 2

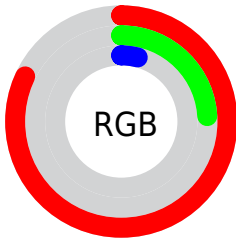
Format	Color
RYB	209, 77, 10
Decimal	13712394
CIELab	48.02, 56.61, 57.10
CIElCh	48, 80.411, 45.247
Yxy	16.8089, 0.5971, 0.3589
Android (android.graphics.Color)	4291902474 (0xFFD13C0A)
YUV	98.8510, -43.8035, 96.6007
Hunter-Lab	40.9987, 50.0068, 25.7234

Details

The YUV color **98.8510, -43.8035, 96.6007** 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 **120.1490, 43.8035, -96.6007**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6330, -43.2031, 90.6529**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **93.6020, -46.1458, 101.2040**, and if you desaturate by 10%, it is **110.6370, -39.2610, 86.2644**.

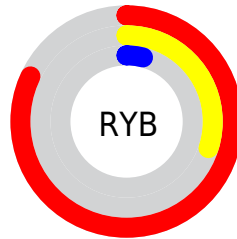
Distribution



Red (82%)

Green (24%)

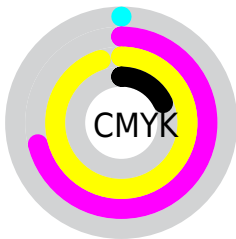
Blue (4%)



Red (82%)

Yellow (30%)

Blue (4%)

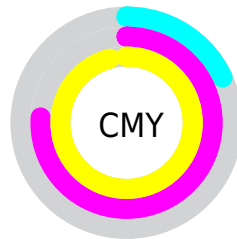


Cyan (0%)

Magenta (71%)

Yellow (95%)

Black (18%)



Cyan (18%)


Magenta (76%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.8510, -43.8035, 96.6007 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 98.8510, -43.8035, 96.6007 by changing the saturation by 10% instead.


 98.8510, -43.8035,
96.6007


 98.8510, -43.8035,
96.6007


254.7720, -0.8736,
0.2000


 68.7720, -33.9046,
94.9160


 151.6330,
-43.2031, 90.6529


 43.3550, -21.3740,
89.1427


 170.9190,
-40.3861, 73.7390


 34.0860, -16.8044,
70.0846


 190.3190,
-37.1323, 56.7252

 24.8170, -12.2348,
51.0265

 210.3060,
-34.1679, 39.1966

 16.9720, -7.3812,
34.2276

 230.4070,
-30.7667, 21.5681


 3.8870, -1.9163,
7.9921


 248.2740,


 0.0000, 0.0000,


-25.7711, 5.8987


0.0000


 251.4660,
-13.5407, 3.0993


 98.8510, -43.8035,
96.6007

 98.8510, -43.8035,
96.6007

 93.6020, -46.1458,
101.2040

 110.6370,
-39.2610, 86.2644

 121.8360,
-34.4291, 76.4428

 133.6220,
-29.8866, 66.1065

 145.4080,
-25.3441, 55.7702

 156.4930,
-20.9490, 46.0486

■ 168.2790,
-16.4065, 35.7123

■ 180.0650,
-11.8640, 25.3760

■ 191.2640, -7.0322,
15.5545

■ 203.0500, -2.4897,
5.2181

Harmonies

Analogous

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



77.9330, 2.4980, 132.4858



98.8510, -43.8035, 96.6007



107.7470, -53.1193, 51.0879

Triad

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



98.8510, -43.8035, 96.6007



90.9580, -6.8813, -79.7702



93.3150, 75.7667, -81.8373

Complementary

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



98.8510, -43.8035, 96.6007



120.1490, 43.8035, -96.6007

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.



105.6420, 69.6895, -92.6480



98.8510, -43.8035, 96.6007



100.2260, 23.5526, -87.8982

Square

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



98.8510, -43.8035, 96.6007



78.6580, -38.7784, -68.9831



106.1200, 51.2128, -93.0672



115.0220, 47.3172, 36.8147

Rectangle

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



98.8510, -43.8035, 96.6007



106.0760, -52.2955, 20.1043



106.1200, 51.2128, -93.0672



99.1680, 75.3462, -86.9703

Sweetspot

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



98.8510, -43.8035, 96.6007



214.2790, -16.4065, 35.7123



86.4870, 35.7489, 107.4439



102.9120, -9.8166, 22.0022



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



98.8510, -43.8035, 96.6007



113.8130, -56.1098, 123.8210



156.9640, -72.4533, 45.6356



99.0500, -2.4897, 5.2181



74.8860, -36.9188, 81.6610



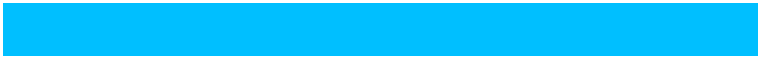
18.1290, -8.9376, 20.0579

Inverse Universe

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



120.1490, 43.8035, -96.6007



141.1870, 56.1098, -123.8210



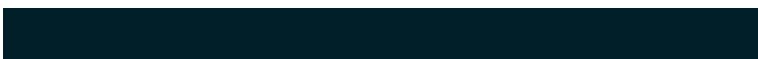
62.0360, 72.4533, -45.6356



99.9500, 2.4897, -5.2181



93.1140, 36.9188, -81.6610



22.8710, 8.9376, -20.0579

Previews

White Background



This preview shows how the YUV color 98.8510, -43.8035, 96.6007 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 98.8510, -43.8035, 96.6007 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 98.8510, -43.8035, 96.6007

Background



This preview shows how black text looks on a background with the YUV color 98.8510, -43.8035, 96.6007.



This preview shows how white text looks on a background with the YUV color 98.8510, -43.8035,

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

98.8510, -43.8035, 96.6007

Protanopia

109.0400, -40.9387, 17.5049

Deuteranopia

107.3380, -52.9176, 33.0296



Tritanopia

102.2740, -21.8271, 94.4757

Trichromacy



Original Color

98.8510, -43.8035, 96.6007

Protanomaly

105.2870, -42.0465, 46.2293

Deuteranomaly

104.1050, -49.3518, 56.0359

Tritanomaly

100.9230, -29.5420, 95.6605

Monochromacy



Original Color

98.8510, -43.8035, 96.6007

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0940, -15.8223, 34.9976

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8510, -43.8035, 96.6007 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(209, 60, 10)` looks like.

```
.text, #text, p{  
    color:rgb(209, 60, 10)  
}
```

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(209, 60, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 60, 10) }
```

Border

The CSS property to change the border of an element to YUV 98.8510, -43.8035, 96.6007 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(209, 60, 10) }
```


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

```
.border{ border-color:rgb(209, 60, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 60, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 60, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 60, 10);  
box-shadow:4px 4px 4px 4px rgb(209, 60,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 98.8510, -43.8035, 96.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 60, 10) }
```

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

```
.background{ background-color: rgb(209, 60,  
10) }
```

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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