

Converting Colors

YUV(96.2750, -43.5196,
98.8598)

Have a look what the booklet for
YUV(96.2750, -43.5196, 98.8598)
contains.

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Color

**YUV(96.2750, -43.5196,
98.8598)**

Conversions

Conversions Part 1

Format	Color
Hex	D13808
RGB	209, 56, 8
RGB Percent	82%, 22%, 3%
CMY	0.1804, 0.7804, 0.9686
CMYK	0.00, 0.73, 0.96, 0.18
HSL	14°, 93%, 43%
HSV	14°, 96%, 82%
XYZ	27.7525, 16.4012, 1.9328
YIQ	96.2750, 106.5960, 17.5080

Conversions

Conversions Part 2

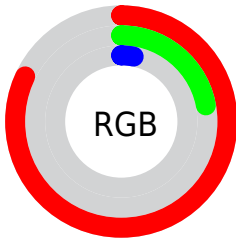
Format	Color
RYB	209, 71, 8
Decimal	13711368
CIELab	47.50, 58.02, 57.30
CIElCh	47, 81.547, 44.646
Yxy	16.4012, 0.6022, 0.3559
Android (android.graphics.Color)	4291901448 (0xFFD13808)
YUV	96.2750, -43.5196, 98.8598
Hunter-Lab	40.4984, 51.4493, 25.5193

Details

The YUV color **96.2750, -43.5196, 98.8598** 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 **120.7250, 43.5196, -98.8598**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6440, -43.2085, 92.3972**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **91.8410, -45.2776, 102.7484**, and if you desaturate by 10%, it is **108.0610, -38.9771, 88.5235**.

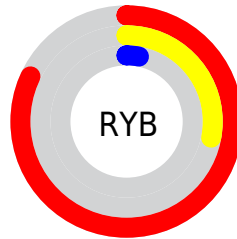
Distribution



Red (82%)

Green (22%)

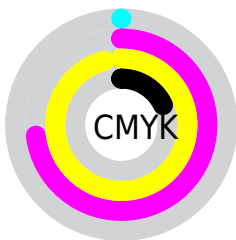
Blue (3%)



Red (82%)

Yellow (28%)

Blue (3%)

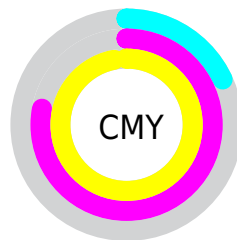


Cyan (0%)

Magenta (73%)

Yellow (96%)

Black (18%)



Cyan (18%)


Magenta (78%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.2750, -43.5196, 98.8598 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 96.2750, -43.5196, 98.8598 by changing the saturation by 10% instead.


 96.2750, -43.5196,
98.8598


 96.2750, -43.5196,
98.8598


 254.5440, -1.7472,
0.3999

 64.6630, -31.8789,
98.5195


 149.6440,
-43.2085, 92.3972


 43.3550, -21.3740,
89.1427


 168.9300,
-40.3915, 75.4834


 34.0860, -16.8044,
70.0846


 188.3300,
-37.1377, 58.4696

 24.8170, -12.2348,
51.0265

 208.3170,
-34.1733, 40.9410

 16.6730, -7.2338,
33.6128

 228.4180,
-30.7721, 23.3124


 3.2890, -1.6215,
6.7625


 248.0460,


 0.0000, 0.0000,


-26.6447, 6.0987

0.0000

 251.2380,
-14.4143, 3.2993


 96.2750, -43.5196,
98.8598


 96.2750, -43.5196,
98.8598


 91.8410, -45.2776,
102.7484

 108.0610,
-38.9771, 88.5235

 119.8470,
-34.4346, 78.1872

 131.6330,
-29.8921, 67.8509

 143.4190,
-25.3496, 57.5145

 155.2050,
-20.8071, 47.1782

■ 166.2900,
-16.4120, 37.4567

■ 178.0760,
-11.8695, 27.1203

■ 189.8620, -7.3270,
16.7840

■ 201.6480, -2.7845,
6.4477

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



96.2750, -43.5196, 98.8598



105.9860, -52.2511, 52.6323

Triad

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



96.2750, -43.5196, 98.8598



89.9150, -8.3391, -78.8555



93.4290, 76.2035, -81.9372

Complementary

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



96.2750, -43.5196, 98.8598



120.7250, 43.5196, -98.8598

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.



105.0550, 69.9789, -92.1332



96.2750, -43.5196, 98.8598



99.4110, 22.9684, -87.1834

Square

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



96.2750, -43.5196, 98.8598



78.0710, -38.4890, -68.4683



105.4190, 51.0654, -92.4525



113.0650, 48.7750, 35.9000

Rectangle

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



96.2750, -43.5196, 98.8598



105.1900, -51.8587, 20.0044



105.4190, 51.0654, -92.4525



98.5810, 75.6356, -86.4555

Sweetspot

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



96.2750, -43.5196, 98.8598



213.6920, -16.1172, 36.2271



85.6550, 37.6381, 108.1736



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.



96.2750, -43.5196, 98.8598



112.0520, -55.2416, 125.3654



154.3880, -72.1693, 47.8947



99.0500, -2.4897, 5.2181



73.7120, -36.3400, 82.6906



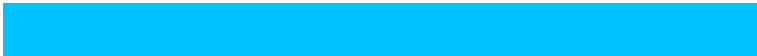
18.1290, -8.9376, 20.0579

Inverse Universe

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



120.7250, 43.5196, -98.8598



142.9480, 55.2416, -125.3654



62.6120, 72.1693, -47.8947



99.9500, 2.4897, -5.2181



94.2880, 36.3400, -82.6906



22.8710, 8.9376, -20.0579

Previews

White Background



This preview shows how the YUV color 96.2750, -43.5196, 98.8598 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 96.2750, -43.5196, 98.8598 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 96.2750, -43.5196, 98.8598

Background



This preview shows how black text looks on a background with the YUV color 96.2750, -43.5196, 98.8598.



This preview shows how white text looks on a background with the YUV color 96.2750, -43.5196,

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

96.2750, -43.5196, 98.8598

Protanopia

108.0400, -40.9387, 17.5049

Deuteranopia

106.1530, -52.3334, 32.3148



Tritanopia

99.4700, -22.4167, 96.9348

Trichromacy



Original Color

96.2750, -43.5196, 98.8598

Protanomaly

103.7000, -41.7571, 46.7441

Deuteranomaly

102.5180, -49.0624, 56.5507

Tritanomaly

98.1190, -30.1317, 98.1196

Monochromacy



Original Color

96.2750, -43.5196, 98.8598

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8060, -15.6804, 36.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2750, -43.5196, 98.8598 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, 56, 8)` looks like.

```
.text, #text, p{  
    color:rgb(209, 56, 8)  
}
```

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, 56, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 56, 8) }
```

Border

The CSS property to change the border of an element to YUV 96.2750, -43.5196, 98.8598 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, 56, 8) }
```


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

```
.border{ border-color:rgb(209, 56, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 56, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 56, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 56, 8);  
box-shadow:4px 4px 4px 4px rgb(209, 56, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 96.2750, -43.5196, 98.8598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 56, 8) }
```

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

```
.background{ background-color: rgb(209, 56,  
8) }
```

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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