

Converting Colors

YUV(95.7710, -45.7361,
109.8258)

Have a look what the booklet for
YUV(95.7710, -45.7361, 109.8258)
contains.

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Color

**YUV(95.7710, -45.7361,
109.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3203
RGB	221, 50, 3
RGB Percent	87%, 20%, 1%
CMY	0.1333, 0.8039, 0.9882
CMYK	0.00, 0.77, 0.99, 0.13
HSL	13°, 97%, 44%
HSV	13°, 99%, 87%
XYZ	30.9758, 17.6599, 1.8622
YIQ	95.7710, 117.0030, 21.6350

Conversions

Conversions Part 2

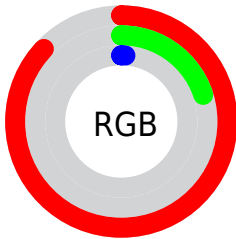
Format	Color
RYB	221, 63, 3
Decimal	14496259
CIELab	49.08, 63.56, 60.68
CIElCh	49, 87.876, 43.670
Yxy	17.6599, 0.6134, 0.3497
Android (android.graphics.Color)	4292686339 (0xFFDD3203)
YUV	95.7710, -45.7361, 109.8258
Hunter-Lab	42.0237, 58.0315, 26.7892

Details

The YUV color **95.7710, -45.7361, 109.8258** 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 **128.2290, 45.7361, -109.8258**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6550, -43.2139, 94.1416**, and **46.6440, -22.9955, 95.9052** is the 20% darker color. If you saturate the color by 10%, you get **94.2550, -46.4677, 111.1554**, and if you desaturate by 10%, it is **108.2580, -41.0462, 98.8747**.

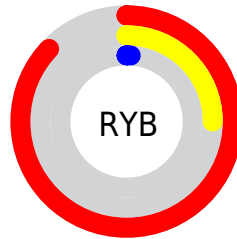
Distribution



Red (87%)

Green (20%)

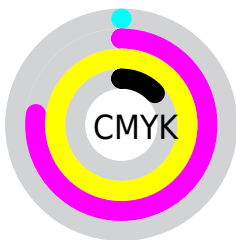
Blue (1%)



Red (87%)

Yellow (25%)

Blue (1%)

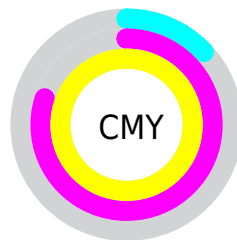


Cyan (0%)

Magenta (77%)

Yellow (99%)

Black (13%)



Cyan (13%)


Magenta (80%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 95.7710, -45.7361, 109.8258 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 95.7710, -45.7361, 109.8258 by changing the saturation by 10% instead.


 95.7710, -45.7361,
109.8258


 95.7710, -45.7361,
109.8258


 254.3160, -2.6208,
0.5999


 56.2120, -27.7125,
115.5781


 147.6550,
-43.2139, 94.1416


 46.6440, -22.9955,
95.9052


 167.5280,
-40.6863, 76.7129

 37.0760, -18.2785,
76.2323


 187.5150,
-37.7219, 59.1843

 27.8070, -13.7089,
57.1743

 207.5020,
-34.7575, 41.6557

 19.7770, -8.2711,
39.6606

 227.6030,
-31.3563, 24.0272


 9.0840, -3.9854,
18.3433


 247.8180,


 0.0000, 0.0000,


-27.5183, 6.2986


0.0000


 251.0100,
-15.2879, 3.4992


 95.7710, -45.7361,
109.8258


 95.7710, -45.7361,
109.8258

 94.2550, -46.4677,
111.1554

 108.2580,
-41.0462, 98.8747

 121.3320,
-36.6457, 87.4088

 133.8190,
-31.9558, 76.4577

 146.3060,
-27.2659, 65.5066

 159.4940,
-22.4285, 53.9408

■ 171.9810,
-17.7386, 42.9897

■ 184.4680,
-13.0487, 32.0386

■ 197.5420, -8.6482,
20.5727

■ 210.0290, -3.9583,
9.6216

Harmonies

Analogous

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



82.2760, 2.3289, 140.0779



95.7710, -45.7361, 109.8258



109.8510, -54.1565, 57.1357

Triad

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



95.7710, -45.7361, 109.8258



92.6220, -10.6596, -81.2295



97.1620, 77.8141, -85.2111

Complementary

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



95.7710, -45.7361, 109.8258



128.2290, 45.7361, -109.8258

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.



109.4890, 71.7369, -96.0219



95.7710, -45.7361, 109.8258



103.3890, 22.9792, -90.6722

Square

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



95.7710, -45.7361, 109.8258



81.0060, -39.9360, -71.0423



110.0810, 53.6971, -96.5410



116.1450, 54.1585, 35.8298

Rectangle

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



95.7710, -45.7361, 109.8258



109.0440, -53.7587, 22.7634



110.0810, 53.6971, -96.5410



102.4450, 75.2096, -89.8443

Sweetspot

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



95.7710, -45.7361, 109.8258



211.1160, -15.8332, 38.4863



88.0180, 43.8681, 116.6252



101.0370, -9.3852, 23.6466



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.



95.7710, -45.7361, 109.8258



108.5300, -53.5053, 128.4542



157.9930, -76.4115, 55.2571



103.4630, -2.2003, 5.7329



73.4460, -36.2089, 87.3089



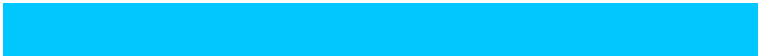
19.6240, -9.6746, 23.1318

Inverse Universe

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



128.2290, 45.7361, -109.8258



146.4700, 53.5053, -128.4542



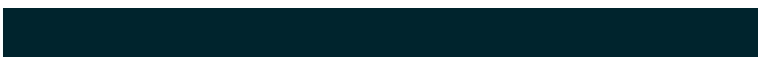
66.0070, 76.4115, -55.2571



104.9500, 2.4896, -5.2182



99.5540, 36.2089, -87.3089



26.3760, 9.6746, -23.1318

Previews

White Background



This preview shows how the YUV color 95.7710, -45.7361, 109.8258 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 95.7710, -45.7361, 109.8258 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.7710, -45.7361, 109.8258

Background



This preview shows how black text looks on a background with the YUV color 95.7710, -45.7361, 109.8258.



This preview shows how white text looks on a background with the YUV color 95.7710, -45.7361,

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

95.7710, -45.7361, 109.8258

Protanopia

111.6980, -42.2491, 17.8049

Deuteranopia

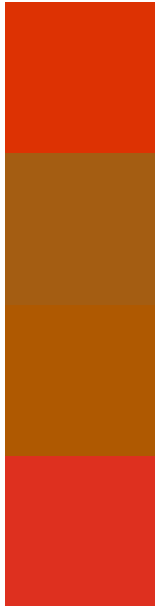
109.9960, -54.2280, 33.3295



Tritanopia

99.3250, -25.7962, 107.5860

Trichromacy



Original Color

95.7710, -45.7361, 109.8258

Protanomaly

105.6790, -43.2257, 51.1475

Deuteranomaly

104.6820, -51.1152, 61.6689

Tritanomaly

98.0880, -33.0744, 108.6708

Monochromacy



Original Color

95.7710, -45.7361, 109.8258

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6000, -16.5648, 39.8158

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7710, -45.7361, 109.8258 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(221, 50, 3)` looks like.

```
.text, #text, p{  
    color:rgb(221, 50, 3)  
}
```

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(221, 50, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 50, 3) }
```

Border

The CSS property to change the border of an element to YUV 95.7710, -45.7361, 109.8258 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(221, 50, 3) }
```


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

```
.border{ border-color:rgb(221, 50, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 50, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 50, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 50, 3);  
box-shadow:4px 4px 4px 4px rgb(221, 50, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.7710, -45.7361, 109.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 50, 3) }
```

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

```
.background{ background-color: rgb(221, 50,  
3) }
```

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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