

Converting Colors

YUV(95.0930, -37.5138,
85.8644)

Have a look what the booklet for
YUV(95.0930, -37.5138, 85.8644)
contains.

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Color

**YUV(95.0930, -37.5138,
85.8644)**

Conversions

Conversions Part 1

Format	Color
Hex	C13C13
RGB	193, 60, 19
RGB Percent	76%, 24%, 7%
CMY	0.2431, 0.7647, 0.9255
CMYK	0.00, 0.69, 0.90, 0.24
HSL	14°, 82%, 42%
HSV	14°, 90%, 76%
XYZ	23.7257, 14.6162, 2.1868
YIQ	95.0930, 92.4290, 15.4450

Conversions

Conversions Part 2

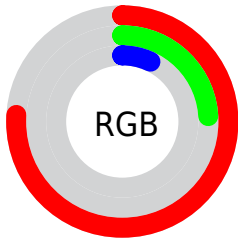
Format	Color
RYB	193, 73, 19
Decimal	12663827
CIELab	45.10, 51.44, 50.99
CIElCh	45, 72.429, 44.746
Yxy	14.6162, 0.5854, 0.3606
Android (android.graphics.Color)	4290853907 (0xFFC13C13)
YUV	95.0930, -37.5138, 85.8644
Hunter-Lab	38.2311, 43.8702, 23.3704

Details

The YUV color **95.0930, -37.5138, 85.8644** 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 **116.9070, 37.5138, -85.8644**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5020, -41.1665, 90.7677**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **84.1220, -41.4721, 95.4860**, and if you desaturate by 10%, it is **106.0640, -33.5556, 76.2429**.

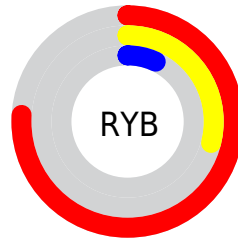
Distribution



Red (76%)

Green (24%)

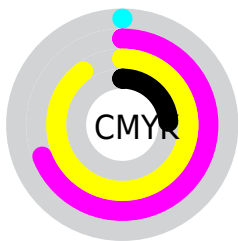
Blue (7%)



Red (76%)

Yellow (29%)

Blue (7%)

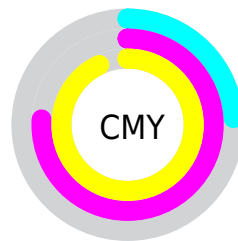


Cyan (0%)

Magenta (69%)

Yellow (90%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.0930, -37.5138, 85.8644 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 95.0930, -37.5138, 85.8644 by changing the saturation by 10% instead.


 95.0930, -37.5138,
85.8644


 95.0930, -37.5138,
85.8644


255.0000, 0.0000,
0.0000


 66.0480, -32.5617,
84.1499


 151.5020,
-41.1665, 90.7677

 39.1690, -19.3103,
80.5358


 170.2010,
-38.0601, 74.3687


 29.9000, -14.7407,
61.4777

 189.6010,
-34.8063, 57.3549

 21.2290, -10.4659,
43.6492

 209.0010,
-31.5525, 40.3411


 12.9710, -5.9017,
26.3354


 229.1020,
-28.1513, 22.7125


 0.0000, 0.0000,
0.0000


 248.7300,

-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 95.0930, -37.5138,
85.8644

 95.0930, -37.5138,
85.8644

 84.1220, -41.4721,
95.4860

 106.0640,
-33.5556, 76.2429

 117.1490,
-29.1605, 66.5213

 127.5330,
-24.9128, 57.4146

 138.5040,
-20.9545, 47.7930

 149.4750,
-16.9962, 38.1714

■ 160.5600,
-12.6011, 28.4499

■ 170.9440, -8.3534,
19.3431

■ 181.9150, -4.3951,
9.7215

■ 193.0000, 0.0000,
0.0000

Harmonies

Analogous

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



80.7150, -0.3525, 113.3829



95.0930, -37.5138, 85.8644



100.9360, -49.7614, 47.4141

Triad

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



95.0930, -37.5138, 85.8644



84.5180, -6.1714, -74.1223



86.6980, 68.1829, -76.0341

Complementary

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



95.0930, -37.5138, 85.8644



116.9070, 37.5138, -85.8644

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.



97.8510, 62.6845, -85.8153



95.0930, -37.5138, 85.8644



92.9880, 21.2049, -81.5505

Square

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



95.0930, -37.5138, 85.8644



74.2720, -36.6161, -62.5055



98.6710, 45.5182, -86.5345



108.0230, 42.3867, 31.5518

Rectangle

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



95.0930, -37.5138, 85.8644



99.8740, -49.2379, 19.4045



98.6710, 45.5182, -86.5345



91.8500, 67.6150, -80.5524

Sweetspot

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



95.0930, -37.5138, 85.8644



211.7240, -14.6539, 33.5681



86.1880, 32.4453, 93.6741



102.2430, -8.5008, 19.9579



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.



95.0930, -37.5138, 85.8644



109.3830, -53.9258, 123.3211



146.1620, -62.6909, 41.0769



91.1640, -2.0529, 5.1182



70.4450, -34.7294, 79.4167



14.5630, -7.1796, 16.1692

Inverse Universe

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



116.9070, 37.5138, -85.8644



140.6170, 53.9258, -123.3211



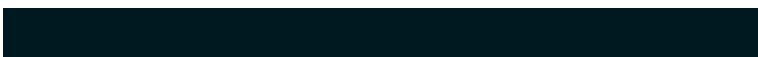
65.8380, 62.6909, -41.0769



92.8360, 2.0529, -5.1182



90.5550, 34.7294, -79.4167



18.4370, 7.1796, -16.1692

Previews

White Background



This preview shows how the YUV color 95.0930, -37.5138, 85.8644 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 95.0930, -37.5138, 85.8644 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 95.0930, -37.5138, 85.8644

Background



This preview shows how black text looks on a background with the YUV color 95.0930, -37.5138, 85.8644.



This preview shows how white text looks on a background with the YUV color 95.0930, -37.5138,

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

95.0930, -37.5138, 85.8644

Protanopia

103.1090, -35.5497, 15.6904

Deuteranopia

100.5380, -49.5652, 31.1002



Tritanopia

97.6040, -19.0318, 84.5393

Trichromacy



Original Color

95.0930, -37.5138, 85.8644

Protanomaly

100.4480, -36.2099, 40.8261

Deuteranomaly

98.8100, -45.2623, 51.0326

Tritanomaly

96.4810, -25.8731, 85.5242

Monochromacy



Original Color

95.0930, -37.5138, 85.8644

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9410, -13.7749, 31.6237

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0930, -37.5138, 85.8644 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, 60, 19)` looks like.

```
.text, #text, p{  
    color:rgb(193, 60, 19)  
}
```

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, 60, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 60, 19) }
```

Border

The CSS property to change the border of an element to YUV 95.0930, -37.5138, 85.8644 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, 60, 19) }
```


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

```
.border{ border-color:rgb(193, 60, 19) }
```

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

Here you see how a box with a 4 pixel rgb(193, 60, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 60, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 60, 19);  
box-shadow:4px 4px 4px 4px rgb(193, 60,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 95.0930, -37.5138, 85.8644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 60, 19) }
```

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

```
.background{ background-color: rgb(193, 60,  
19) }
```

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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