

Converting Colors

YUV(95.0290, -46.8493,
140.2946)

Have a look what the booklet for
YUV(95.0290, -46.8493, 140.2946)
contains.

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Color

**YUV(95.0290, -46.8493,
140.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2000
RGB	255, 32, 0
RGB Percent	100%, 13%, 0%
CMY	0.0000, 0.8745, 1.0000
CMYK	0.00, 0.87, 1.00, 0.00
HSL	8°, 100%, 50%
HSV	8°, 100%, 100%
XYZ	41.7565, 22.2930, 2.1022
YIQ	95.0290, 143.1800, 37.3240

Conversions

Conversions Part 2

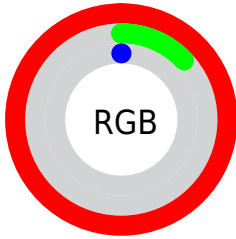
Format	Color
RYB	255, 37, 0
Decimal	16719872
CIELab	54.34, 76.93, 67.62
CIELCh	54, 102.419, 41.315
Yxy	22.2930, 0.6312, 0.3370
Android (android.graphics.Color)	4294909952 (0xFFFF2000)
YUV	95.0290, -46.8493, 140.2946
Hunter-Lab	47.2155, 75.2350, 30.4111

Details

The YUV color **95.0290, -46.8493, 140.2946** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **159.9710, 46.8493, -140.2946**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3070, -42.0564, 96.2008**, and **55.9130, -27.5651, 114.9633** is the 20% darker color. If you saturate the color by 10%, you get **95.0290, -46.8493, 140.2946**, and if you desaturate by 10%, it is **110.7930, -42.2959, 126.4695**.

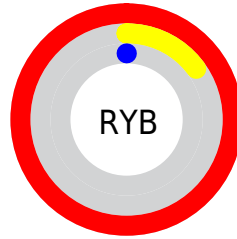
Distribution



Red (100%)

Green (13%)

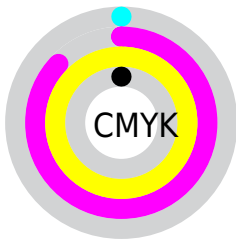
Blue (0%)



Red (100%)

Yellow (15%)

Blue (0%)

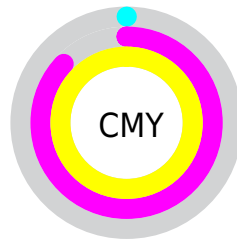


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.0290, -46.8493, 140.2946 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 95.0290, -46.8493, 140.2946 by changing the saturation by 10% instead.


 95.0290, -46.8493,
140.2946


 95.0290, -46.8493,
140.2946


 254.5440, -1.7472,
0.3999


 66.0790, -32.5769,
135.8657


 145.3070,
-42.0564, 96.2008


 55.9130, -27.5651,
114.9633


 165.8810,
-39.3813, 78.1574


 46.0460, -22.7007,
94.6757


 186.4550,
-36.7063, 60.1140

 36.4780, -17.9837,
75.0028

 207.0290,
-34.0313, 42.0706

 27.2520, -11.9562,
55.0300

 227.8310,
-30.4827, 23.8272


 17.9830, -7.3866,
35.9719

 247.9320,


 6.2790, -3.0955,


-27.0815, 6.1986


12.9103


 251.2380,
-14.4143, 3.2993

 0.0000, 0.0000,
0.0000


 95.0290, -46.8493,
140.2946

 110.7930,
-42.2959, 126.4695

 127.2580,
-37.5952, 112.0297

 143.1360,
-32.6050, 98.1047

 158.9000,
-28.0517, 84.2797

 175.3650,
-23.3509, 69.8399

191.1290,
-18.7976, 56.0149

207.0070,
-13.8075, 42.0899

222.7710, -9.2541,
28.2648

239.2360, -4.5533,
13.8250

Harmonies

Analogous

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



87.7590, 6.5278, 146.6704



95.0290, -46.8493, 140.2946



121.4460, -59.8729, 70.6459

Triad

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



95.0290, -46.8493, 140.2946



102.2590, -16.8897, -89.6811



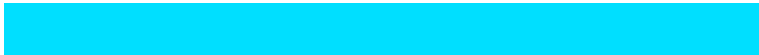
106.5540, 73.1839, -93.4479

Complementary

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



95.0290, -46.8493, 140.2946



159.9710, 46.8493, -140.2946

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.



120.6420, 66.2385, -105.8030



95.0290, -46.8493, 140.2946



114.8500, 23.7380, -100.7234

Square

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



95.0290, -46.8493, 140.2946



90.3980, -44.5662, -79.2790



124.4260, 60.4290, -109.1216



127.7240, 62.7471, 34.4451

Rectangle

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



95.0290, -46.8493, 140.2946



121.4810, -59.8901, 29.3962



124.4260, 60.4290, -109.1216



112.4240, 70.2900, -98.5958

Sweetspot

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



95.0290, -46.8493, 140.2946



207.0070, -13.8075, 42.0899



101.8950, 60.6908, 134.2731



98.6890, -8.2277, 25.7057



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.



95.0290, -46.8493, 140.2946



168.4040, -83.0232, 75.9447



119.4740, -2.2057, 7.4773



71.1970, -35.1001, 105.0672



23.8320, -11.7492, 35.2273

Inverse Universe

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



159.9710, 46.8493, -140.2946



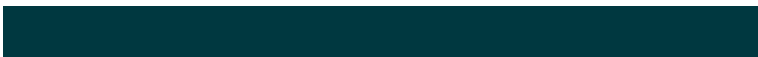
86.5960, 83.0232, -75.9447



122.9390, 2.4951, -6.9625



119.8030, 35.1001, -105.0672



40.1680, 11.7492, -35.2273

Previews

White Background



This preview shows how the YUV color 95.0290, -46.8493, 140.2946 looks on a white 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

Black Background



This preview shows how the YUV color 95.0290, -46.8493, 140.2946 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 95.0290, -46.8493, 140.2946

Background



This preview shows how black text looks on a background with the YUV color 95.0290, -46.8493, 140.2946.

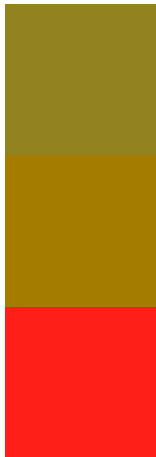


This preview shows how white text looks on a background with the YUV color 95.0290, -46.8493,

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



Protanopia

124.4980, -45.6015, 19.7343

Deuteranopia

121.8240, -60.0592, 36.9884

Tritanopia

97.2920, -35.6400, 138.3099

Trichromacy



Protanomaly

113.6590, -46.1739, 63.4431

Deuteranomaly

112.3200, -55.3738, 74.2644

Tritanomaly

96.2660, -39.5711, 139.2097

Monochromacy



Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8510, -17.1815, 50.9967

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0290, -46.8493, 140.2946 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(255, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 32, 0)  
}
```

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(255, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 32, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.0290, -46.8493, 140.2946 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(255, 32, 0) }
```

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

```
.border{ border-color:rgb(255, 32, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 32, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.0290, -46.8493, 140.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 32, 0) }
```

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

```
.background{ background-color: rgb(255, 32,  
0) }
```

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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