

Converting Colors

YUV(93.7890, -46.2380,
130.8580)

Have a look what the booklet for
YUV(93.7890, -46.2380, 130.8580)
contains.

YUV(93.7890, -46.2380, 130.8580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(93.7890, -46.2380,
130.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	F32400
RGB	243, 36, 0
RGB Percent	95%, 14%, 0%
CMY	0.0471, 0.8588, 1.0000
CMYK	0.00, 0.85, 1.00, 0.05
HSL	9°, 100%, 48%
HSV	9°, 100%, 95%
XYZ	37.5930, 20.3164, 1.9401
YIQ	93.7890, 134.9280, 32.6880

Conversions

Conversions Part 2

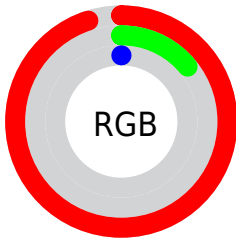
Format	Color
RYB	243, 42, 0
Decimal	15934464
CIELab	52.19, 73.09, 65.34
CIElCh	52, 98.034, 41.795
Yxy	20.3164, 0.6281, 0.3395
Android (android.graphics.Color)	4294124544 (0xFFFF32400)
YUV	93.7890, -46.2380, 130.8580
Hunter-Lab	45.0738, 69.9959, 28.9996

Details

The YUV color **93.7890, -46.2380, 130.8580** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **149.2110, 46.2380, -130.8580**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6060, -42.2038, 96.8155**, and **52.6240, -25.9436, 108.2008** is the 20% darker color. If you saturate the color by 10%, you get **93.7890, -46.2380, 130.8580**, and if you desaturate by 10%, it is **108.8520, -41.8320, 117.6478**.

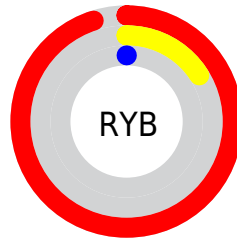
Distribution



Red (95%)

Green (14%)

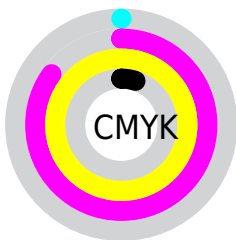
Blue (0%)



Red (95%)

Yellow (16%)

Blue (0%)

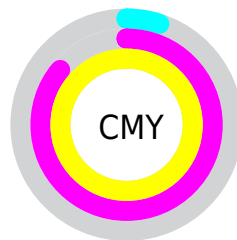


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (86%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 93.7890, -46.2380, 130.8580 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 93.7890, -46.2380, 130.8580 by changing the saturation by 10% instead.


 93.7890, -46.2380,
130.8580


 93.7890, -46.2380,
130.8580


 254.3160, -2.6208,
0.5999


 62.4910, -30.8081,
128.4884


 144.6060,
-42.2038, 96.8155

 52.6240, -25.9436,
108.2008


 165.0660,
-39.9655, 78.8721


 42.7570, -21.0792,
87.9131


 185.6400,
-37.2905, 60.8287

 33.3030, -15.9254,
68.1403

 206.3280,
-34.1787, 42.6853

 24.5610, -10.6296,
49.4970

 226.4290,
-30.7775, 25.0568


 15.1780, -6.4968,
30.5389


 247.8180,


 0.0000, 0.0000,

-27.5183, 6.2986


0.0000


 251.0100,
-15.2879, 3.4992

 93.7890, -46.2380,
130.8580

 108.8520,
-41.8320, 117.6478

 123.4420,
-36.6999, 104.8524

 138.5050,
-32.2940, 91.6421

 153.5680,
-27.8880, 78.4319

 168.0440,
-23.1927, 65.7364

■ 183.2210,
-18.3500, 52.4262

■ 198.2840,
-13.9440, 39.2159

■ 213.3470, -9.5381,
26.0057

■ 227.9370, -4.4059,
13.2103

Harmonies

Analogous

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



87.1890, 4.3438, 147.1702



93.7890, -46.2380, 130.8580



116.6950, -57.5306, 66.0425

Triad

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



93.7890, -46.2380, 130.8580



98.0360, -15.3007, -85.9776



103.0320, 74.9202, -90.3591

Complementary

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



93.7890, -46.2380, 130.8580



149.2110, 46.2380, -130.8580

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.



116.5330, 68.2642, -102.1994



93.7890, -46.2380, 130.8580



110.0570, 23.1429, -96.5200

Square

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



93.7890, -46.2380, 130.8580



86.2890, -42.5405, -75.6755



119.1770, 58.0867, -104.5182



123.5390, 63.3313, 33.7303

Rectangle

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



93.7890, -46.2380, 130.8580



116.4530, -57.4113, 27.6667



119.1770, 58.0867, -104.5182



108.9020, 72.0263, -95.5071

Sweetspot

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



93.7890, -46.2380, 130.8580



208.1810, -14.3862, 41.0603



96.7110, 56.3445, 128.2955



99.2760, -8.5171, 25.1909



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.



93.7890, -46.2380, 130.8580



98.5510, -48.5856, 137.2058



163.0550, -80.3861, 70.1118



114.7620, -2.3477, 6.3477



72.0500, -35.5206, 99.9342



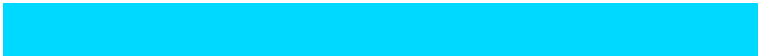
22.9240, -11.3015, 31.6387

Inverse Universe

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



149.2110, 46.2380, -130.8580



156.4490, 48.5856, -137.2058



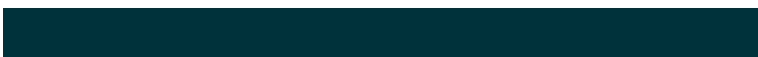
79.9450, 80.3861, -70.1118



117.8250, 2.0583, -6.8625



114.5370, 35.2313, -100.4489



36.0760, 11.3015, -31.6387

Previews

White Background



This preview shows how the YUV color 93.7890, -46.2380, 130.8580 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 93.7890, -46.2380, 130.8580 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 93.7890, -46.2380, 130.8580

Background



This preview shows how black text looks on a background with the YUV color 93.7890, -46.2380, 130.8580.



This preview shows how white text looks on a background with the YUV color 93.7890, -46.2380,

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

118.9540, -43.8543, 19.3343

Deuteranopia

117.0950, -57.7278, 35.8737

Tritanopia

96.0350, -32.5553, 128.8883

Trichromacy



Protanomaly

109.9790, -44.8526, 59.6544

Deuteranomaly

108.7540, -53.6157, 70.3757

Tritanomaly

95.3680, -37.6494, 129.4733

Monochromacy



Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9430, -16.7339, 47.4080

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7890, -46.2380, 130.8580 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(243, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 36, 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(243, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 36, 0) }
```

Border

The CSS property to change the border of an element to YUV 93.7890, -46.2380, 130.8580 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(243, 36, 0) }
```

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

```
.border{ border-color:rgb(243, 36, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 36, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 36, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 93.7890, -46.2380, 130.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 36, 0) }
```

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

```
.background{ background-color: rgb(243, 36,  
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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