

Converting Colors

YUV(113.2770, -46.4786,
114.6441)

Have a look what the booklet for
YUV(113.2770, -46.4786, 114.6441)
contains.

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Color

**YUV(113.2770, -46.4786,
114.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	F44113
RGB	244, 65, 19
RGB Percent	96%, 25%, 7%
CMY	0.0431, 0.7451, 0.9255
CMYK	0.00, 0.73, 0.92, 0.04
HSL	12°, 91%, 52%
HSV	12°, 92%, 96%
XYZ	39.3161, 23.0607, 2.9951
YIQ	113.2770, 121.4500, 23.6420

Conversions

Conversions Part 2

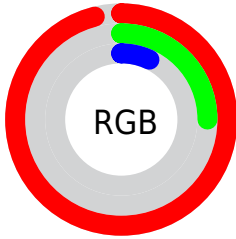
Format	Color
R_{YB}	244, 77, 19
Decimal	16007443
CIE _{Lab}	55.13, 65.93, 62.27
CIE _{LCh}	55, 90.691, 43.366
Yxy	23.0607, 0.6014, 0.3528
Android (android.graphics.Color)	4294197523 (0xFFFF44113)
YUV	113.2770, -46.4786, 114.6441
Hunter-Lab	48.0216, 62.1032, 29.9172

Details

The YUV color **113.2770, -46.4786, 114.6441** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **149.7230, 46.4786, -114.6441**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2410, -42.0238, 85.7346**, and **53.2220, -26.2384, 109.4303** is the 20% darker color. If you saturate the color by 10%, you get **102.3060, -50.4369, 124.2656**, and if you desaturate by 10%, it is **127.1660, -41.4938, 102.4634**.

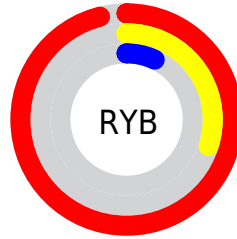
Distribution



Red (96%)

Green (25%)

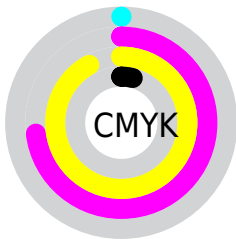
Blue (7%)



Red (96%)

Yellow (30%)

Blue (7%)

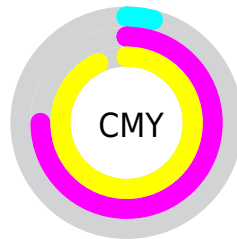


Cyan (0%)

Magenta (73%)

Yellow (92%)

Black (4%)



Cyan (4%)


Magenta (75%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.2770, -46.4786, 114.6441 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 113.2770, -46.4786, 114.6441 by changing the saturation by 10% instead.


 113.2770,
-46.4786, 114.6441


 113.2770,
-46.4786, 114.6441


255.0000, 0.0000,
0.0000


 79.5250, -39.2058,
115.3036


 157.2410,
-42.0238, 85.7346


 53.2220, -26.2384,
109.4303


 177.2280,
-39.0594, 68.2060


 43.6540, -21.5214,
89.7574


 197.2150,
-36.0950, 50.6774

 34.0860, -16.8044,
70.0846

 217.7890,
-33.4200, 32.6340

 25.0450, -11.3612,
50.8265

 238.0040,
-29.5820, 14.9055

 16.3740, -7.0864,
32.9980

 249.4140,


 1.4950, -0.7370,


-21.4031, 4.8989


3.0739


 252.7200, -8.7360,
1.9996


 0.0000, 0.0000,
0.0000


 113.2770,
-46.4786, 114.6441

 113.2770,
-46.4786, 114.6441


 102.3060,
-50.4369, 124.2656

 127.1660,
-41.4938, 102.4634

 141.7560,
-36.3617, 89.6680

 155.6450,
-31.3770, 77.4873

 170.2350,
-26.2449, 64.6919

 184.1240,
-21.2601, 52.5113

198.0130,
-16.2754, 40.3306

212.6030,
-11.1433, 27.5352

226.4920, -6.1586,
15.3545

241.0820, -1.0264,
2.5591

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



113.2770, -46.4786, 114.6441



124.3480, -61.3036, 62.8388

Triad

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



113.2770, -46.4786, 114.6441



104.5560, -10.6271, -91.6956



105.9670, 73.4733, -92.9331

Complementary

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



113.2770, -46.4786, 114.6441



149.7230, 46.4786, -114.6441

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.



119.4680, 66.8173, -104.7734



113.2770, -46.4786, 114.6441



115.1920, 25.0483, -101.0234

Square

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



113.2770, -46.4786, 114.6441



90.9850, -44.8556, -79.7938



123.0410, 57.6608, -107.9070



132.8400, 56.7739, 36.9743

Rectangle

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



113.2770, -46.4786, 114.6441



123.2310, -60.7529, 26.1074



123.0410, 57.6608, -107.9070



111.2500, 70.8688, -97.5662

Sweetspot

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



113.2770, -46.4786, 114.6441



213.4470, -14.5174, 36.4420



106.7950, 45.4571, 120.3288



102.4390, -9.0904, 22.4170



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.



113.2770, -46.4786, 114.6441



106.7690, -52.6371, 129.9986



178.4340, -78.6010, 57.5014



115.3490, -2.6371, 5.8329



77.9200, -38.4146, 94.7862



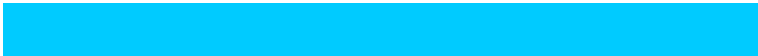
24.6850, -12.1697, 30.0943

Inverse Universe

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



149.7230, 46.4786, -114.6441



148.2310, 52.6371, -129.9986



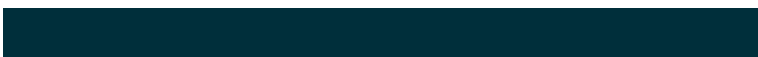
83.9790, 78.8904, -56.9866



117.2380, 2.3477, -6.3477



108.0800, 38.4146, -94.7862



34.3150, 12.1697, -30.0943

Previews

White Background



This preview shows how the YUV color 113.2770, -46.4786, 114.6441 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 113.2770, -46.4786, 114.6441 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 113.2770, -46.4786, 114.6441 Background



This preview shows how black text looks on a background with the YUV color 113.2770, -46.4786, 114.6441.



This preview shows how white text looks on a background with the YUV color 113.2770, -46.4786, 114.6441.

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

113.2770, -46.4786, 114.6441

Protanopia

126.7260, -44.7279, 19.5343

Deuteranopia

123.8950, -61.0802, 37.8031



Tritanopia

116.2440, -26.2493, 112.9190

Trichromacy



Original Color

113.2770, -46.4786, 114.6441

Protanomaly

121.8320, -45.2732, 54.5213

Deuteranomaly

120.1510, -55.7834, 65.6426

Tritanomaly

115.0070, -33.5275, 114.0039

Monochromacy



Original Color

113.2770, -46.4786, 114.6441

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4970, -17.0070, 41.6601

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2770, -46.4786, 114.6441 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(244, 65, 19)` looks like.

```
.text, #text, p{  
    color:rgb(244, 65, 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(244, 65, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 65, 19) }
```

Border

The CSS property to change the border of an element to YUV 113.2770, -46.4786, 114.6441 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(244, 65, 19) }
```


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

```
.border{ border-color:rgb(244, 65, 19) }
```

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

Here you see how a box with a 4 pixel rgb(244, 65, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 65, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 65, 19);  
box-shadow:4px 4px 4px 4px rgb(244, 65,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 113.2770, -46.4786, 114.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 65, 19) }
```

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

```
.background{ background-color: rgb(244, 65,  
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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