

Converting Colors

YUV(134.9290, -48.7720,
103.5483)

Have a look what the booklet for
YUV(134.9290, -48.7720, 103.5483)
contains.

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Color

**YUV(134.9290, -48.7720,
103.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	FD5E24
RGB	253, 94, 36
RGB Percent	99%, 37%, 14%
CMY	0.0078, 0.6314, 0.8588
CMYK	0.00, 0.63, 0.86, 0.01
HSL	16°, 98%, 57%
HSV	16°, 86%, 99%
XYZ	44.8292, 29.0154, 4.9068
YIQ	134.9290, 113.3820, 15.6700

Conversions

Conversions Part 2

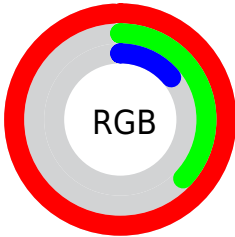
Format	Color
R_{YB}	253, 115, 36
Decimal	16604708
CIE Lab	60.80, 58.19, 61.23
CIE LCh	61, 84.473, 46.460
Yxy	29.0154, 0.5692, 0.3684
Android (android.graphics.Color)	4294794788 (0xFFFD5E24)
YUV	134.9290, -48.7720, 103.5483
Hunter-Lab	53.8660, 54.2885, 32.3052

Details

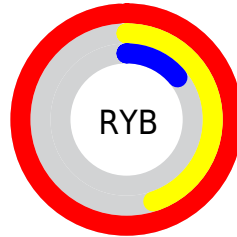
The YUV color **134.9290, -48.7720, 103.5483** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **154.0710, 48.7720, -103.5483**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3270, -42.5592, 70.7502**, and **75.5830, -37.2624, 98.5897** is the 20% darker color. If you saturate the color by 10%, you get **120.9260, -54.1935, 115.8289**, and if you desaturate by 10%, it is **148.9320, -43.3505, 91.2676**.

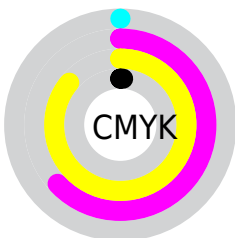
Distribution



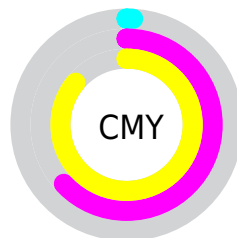
- Red (99%)
- Green (37%)
- Blue (14%)



- Red (99%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (86%)
- Black (1%)



- Cyan (1%)
- Magenta (63%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.9290, -48.7720, 103.5483 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 134.9290, -48.7720, 103.5483 by changing the saturation by 10% instead.

134.9290,
-48.7720, 103.5483

134.9290,
-48.7720, 103.5483

255.0000, 0.0000,
0.0000

104.3910,
-49.4928, 101.3891

174.3270,
-42.5592, 70.7502

75.5830, -37.2624,
98.5897

193.7270,
-39.3054, 53.7364

46.6440, -22.9955,
95.9052

213.7140,
-36.3410, 36.2078

37.0760, -18.2785,
76.2323

233.8150,
-32.9398, 18.5792

27.8070, -13.7089,
57.1743

248.1600,
-26.2079, 5.9987

19.7770, -8.2711,
39.6606

251.4660,

9.6820, -4.2802,

-13.5407, 3.0993

19.5729

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 134.9290,
-48.7720, 103.5483

■ 134.9290,
-48.7720, 103.5483

■ 120.9260,
-54.1935, 115.8289

■ 148.9320,
-43.3505, 91.2676

■ 115.5630,
-56.9726, 120.5322

■ 162.4620,
-37.2028, 79.4018

■ 176.4650,
-31.7812, 67.1212

■ 189.8810,
-26.0703, 55.3554

■ 203.9980,
-20.2120, 42.9748

■ 217.4140,
-14.5011, 31.2089

■ 231.4170, -9.0796,
18.9283

■ 244.8330, -3.3687,
7.1625

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



119.7820, -5.3155, 118.5862



134.9290, -48.7720, 103.5483



138.1920, -68.1287, 58.5906

Triad

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



134.9290, -48.7720, 103.5483



116.3250, -3.6112, -102.0170



112.4240, 70.2900, -98.5958

Complementary

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



134.9290, -48.7720, 103.5483



154.0710, 48.7720, -103.5483

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.



125.9250, 63.6340, -110.4362



134.9290, -48.7720, 103.5483



126.3910, 29.8802, -110.8449

Square

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



134.9290, -48.7720, 103.5483



110.0720, -43.4195, -73.7311



132.2680, 60.0139, -115.9990



149.1630, 50.2056, 43.7070

Rectangle

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



134.9290, -48.7720, 103.5483



136.2000, -67.1466, 23.5036



132.2680, 60.0139, -115.9990



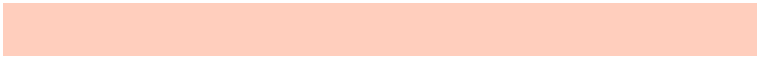
117.7070, 67.6854, -103.2290

Sweetspot

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



134.9290, -48.7720, 103.5483



218.7130, -14.6485, 31.8237



119.0090, 37.4636, 117.5101



106.4170, -9.0796, 18.9283



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.



134.9290, -48.7720, 103.5483



116.1610, -57.2674, 121.7618



198.3250, -80.0262, 47.9500



120.6480, -2.7845, 6.4477



87.0460, -42.9137, 91.1677



29.1150, -14.3537, 30.5941

Inverse Universe

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



154.0710, 48.7720, -103.5483



138.8390, 57.2674, -121.7618



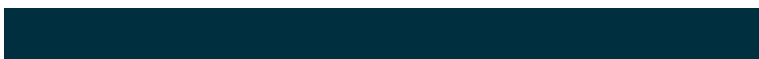
90.6750, 80.0262, -47.9500



121.7650, 3.0739, -5.9329



103.9540, 42.9137, -91.1677



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 134.9290, -48.7720, 103.5483 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 134.9290, -48.7720, 103.5483 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 134.9290, -48.7720, 103.5483 Background



This preview shows how black text looks on a background with the YUV color 134.9290, -48.7720, 103.5483.



This preview shows how white text looks on a background with the YUV color 134.9290, -48.7720, 103.5483.

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

134.9290, -48.7720, 103.5483

Protanopia

140.9110, -45.3121, 20.2491

Deuteranopia

137.2070, -67.6431, 42.7915



Tritanopia

138.5030, -22.4330, 102.1679

Trichromacy



Original Color

134.9290, -48.7720, 103.5483

Protanomaly

138.7560, -46.7147, 50.2030

Deuteranomaly

136.4730, -60.8722, 64.4832

Tritanomaly

136.9840, -32.0371, 102.6230

Monochromacy



Original Color

134.9290, -48.7720, 103.5483

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9480, -17.7224, 37.7566

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9290, -48.7720, 103.5483 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(253, 94, 36)` looks like.

```
.text, #text, p{  
    color:rgb(253, 94, 36)  
}
```

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(253, 94, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 94, 36) }
```

Border

The CSS property to change the border of an element to YUV 134.9290, -48.7720, 103.5483 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(253, 94, 36) }
```


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

```
.border{ border-color:rgb(253, 94, 36) }
```

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

Here you see how a box with a 4 pixel rgb(253, 94, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 94, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 94, 36);  
box-shadow:4px 4px 4px 4px rgb(253, 94,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 134.9290, -48.7720, 103.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 94, 36) }
```

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

```
.background{ background-color: rgb(253, 94,  
36) }
```

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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