

Converting Colors

YUV(132.9700, -40.9042,
100.0043)

Have a look what the booklet for
YUV(132.9700, -40.9042, 100.0043)
contains.

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Color

**YUV(132.9700, -40.9042,
100.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	F75B32
RGB	247, 91, 50
RGB Percent	97%, 36%, 20%
CMY	0.0314, 0.6431, 0.8039
CMYK	0.00, 0.63, 0.80, 0.03
HSL	12°, 92%, 58%
HSV	12°, 80%, 97%
XYZ	42.6746, 27.4866, 6.0739
YIQ	132.9700, 106.1370, 20.3210

Conversions

Conversions Part 2

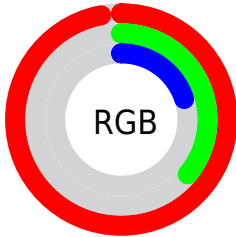
Format	Color
R_{YB}	247, 102, 50
Decimal	16210738
CIE _{Lab}	59.42, 57.77, 53.62
CIE _{LCh}	59, 78.820, 42.866
Yxy	27.4866, 0.5598, 0.3606
Android (android.graphics.Color)	4294400818 (0xFFFF75B32)
YUV	132.9700, -40.9042, 100.0043
Hunter-Lab	52.4277, 53.5453, 29.8305

Details

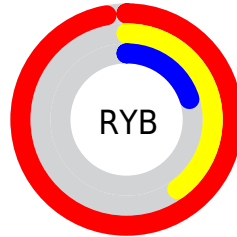
The YUV color **132.9700, -40.9042, 100.0043** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **164.0300, 40.9042, -100.0043**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9340, -36.4495, 71.0949**, and **72.3270, -35.6572, 97.0602** is the 20% darker color. If you saturate the color by 10%, you get **118.3800, -46.0363, 112.7997**, and if you desaturate by 10%, it is **147.5600, -35.7721, 87.2089**.

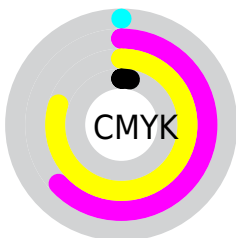
Distribution



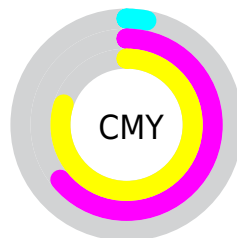
- Red (97%)
- Green (36%)
- Blue (20%)



- Red (97%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (3%)





- Cyan (3%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9700, -40.9042, 100.0043 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 132.9700, -40.9042, 100.0043 by changing the saturation by 10% instead.


 132.9700,
-40.9042, 100.0043


 132.9700,
-40.9042, 100.0043


255.0000, 0.0000,
0.0000


 103.5290,
-38.7148, 97.7601


 173.9340,
-36.4495, 71.0949


 72.3270, -35.6572,
97.0602


 193.2200,
-33.6325, 54.1811

 45.1490, -22.2585,
92.8313


 213.3210,
-30.2313, 36.5525

 35.5810, -17.5414,
73.1585

 233.4220,
-26.8300, 18.9239

 26.6110, -13.1192,
54.7152

 249.5280,
-20.9663, 4.7989

 18.5810, -7.6814,
37.2015

 252.8340, -8.2992,

 7.5890, -3.2484,

1.8996

15.2694

■ 0.0000, 0.0000,
0.0000

■ 132.9700,
-40.9042, 100.0043

■ 132.9700,
-40.9042, 100.0043

■ 118.3800,
-46.0363, 112.7997

■ 147.5600,
-35.7721, 87.2089

■ 104.4910,
-51.0211, 124.9804

■ 161.4490,
-30.7874, 75.0282

■ 103.7900,
-51.1685, 125.5952

■ 176.0390,
-25.6552, 62.2328

■ 190.0420,
-20.2337, 49.9522

■ 204.6320,
-15.1016, 37.1567

218.5210,
-10.1169, 24.9761

233.1110, -4.9847,
12.1807

247.1140, 0.4368,
-0.1000

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



124.6890, -4.2837, 114.2827



132.9700, -40.9042, 100.0043



134.6700, -66.3923, 61.6794

Triad

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



132.9700, -40.9042, 100.0043



111.6630, -6.2429, -97.9285



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.



132.9700, -40.9042, 100.0043



164.0300, 40.9042, -100.0043

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.



124.1640, 64.5021, -108.8918



132.9700, -40.9042, 100.0043



121.7460, 24.7752, -106.7712

Square

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



132.9700, -40.9042, 100.0043



116.3740, -48.0054, -49.4400



127.3950, 54.0353, -111.7254



146.4450, 49.0806, 31.1817

Rectangle

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



132.9700, -40.9042, 100.0043



133.2870, -65.7105, 29.5663



127.3950, 54.0353, -111.7254



117.1200, 67.9748, -102.7142

Sweetspot

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



132.9700, -40.9042, 100.0043



219.8700, -12.7539, 30.8090



126.9150, 39.9749, 105.3145



106.1720, -7.4798, 19.1432



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.



132.9700, -40.9042, 100.0043



113.1920, -50.8737, 124.3656



189.9090, -68.9751, 50.0688



115.3490, -2.6371, 5.8329



78.5070, -38.7040, 94.2714



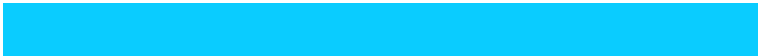
24.6850, -12.1697, 30.0943

Inverse Universe

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



164.0300, 40.9042, -100.0043



151.8080, 50.8737, -124.3656



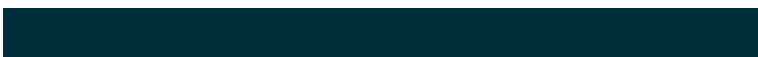
107.0910, 68.9751, -50.0688



117.2380, 2.3477, -6.3477



107.4930, 38.7040, -94.2714



33.7280, 12.4591, -29.5795

Previews

White Background



This preview shows how the YUV color 132.9700, -40.9042, 100.0043 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 132.9700, -40.9042, 100.0043 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 132.9700, -40.9042, 100.0043 Background



This preview shows how black text looks on a background with the YUV color 132.9700, -40.9042, 100.0043.



This preview shows how white text looks on a background with the YUV color 132.9700, -40.9042, 100.0043.

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

132.9700, -40.9042, 100.0043

Protanopia

139.4790, -36.7181, 17.1199

Deuteranopia

137.8700, -49.7289, 36.9480



Tritanopia

135.0080, -21.6959, 99.0940

Trichromacy



Original Color

132.9700, -40.9042, 100.0043

Protanomaly

137.3240, -38.1207, 47.0739

Deuteranomaly

136.2240, -46.4524, 59.4396

Tritanomaly

134.4720, -28.8267, 99.5641

Monochromacy



Original Color

132.9700, -40.9042, 100.0043

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0340, -14.8068, 35.9272

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9700, -40.9042, 100.0043 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(247, 91, 50)` looks like.

```
.text, #text, p{  
    color:rgb(247, 91, 50)  
}
```

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(247, 91, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 91, 50) }
```

Border

The CSS property to change the border of an element to YUV 132.9700, -40.9042, 100.0043 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(247, 91, 50) }
```


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

```
.border{ border-color:rgb(247, 91, 50) }
```

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

Here you see how a box with a 4 pixel rgb(247, 91, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 91, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 91, 50);  
box-shadow:4px 4px 4px 4px rgb(247, 91,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 132.9700, -40.9042, 100.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 91, 50) }
```

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

```
.background{ background-color: rgb(247, 91,  
50) }
```

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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