

Converting Colors

YUV(90.9430, -33.0029,
132.4770)

Have a look what the booklet for
YUV(90.9430, -33.0029, 132.4770)
contains.

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Color

**YUV(90.9430, -33.0029,
132.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	F21B18
RGB	242, 27, 24
RGB Percent	95%, 11%, 9%
CMY	0.0510, 0.8941, 0.9059
CMYK	0.00, 0.89, 0.90, 0.05
HSL	1°, 89%, 52%
HSV	1°, 90%, 95%
XYZ	37.1748, 19.7271, 2.7125
YIQ	90.9430, 129.1030, 44.6470

Conversions

Conversions Part 2

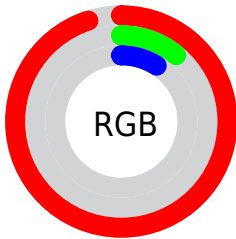
Format	Color
R_{YB}	242, 27, 24
Decimal	15866648
CIE _{Lab}	51.53, 74.59, 58.01
CIE _{LCh}	52, 94.496, 37.875
Yxy	19.7271, 0.6236, 0.3309
Android (android.graphics.Color)	4294056728 (0xFFFF21B18)
YUV	90.9430, -33.0029, 132.4770
Hunter-Lab	44.4152, 71.6750, 27.4696

Details

The YUV color **90.9430, -33.0029, 132.4770** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **175.0570, 33.0029, -132.4770**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8540, -34.9310, 97.4750**, and **52.6240, -25.9436, 108.2008** is the 20% darker color. If you saturate the color by 10%, you get **74.1190, -36.5407, 147.2316**, and if you desaturate by 10%, it is **107.7670, -29.4651, 117.7223**.

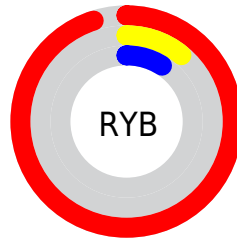
Distribution



Red (95%)

Green (11%)

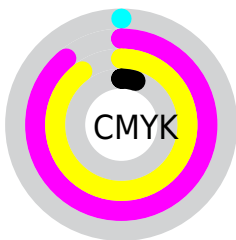
Blue (9%)



Red (95%)

Yellow (11%)

Blue (9%)

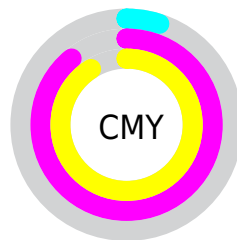


Cyan (0%)

Magenta (89%)

Yellow (90%)

Black (5%)



Cyan (5%)


Magenta (89%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9430, -33.0029, 132.4770 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 90.9430, -33.0029, 132.4770 by changing the saturation by 10% instead.


 90.9430, -33.0029,
132.4770


 90.9430, -33.0029,
132.4770


255.0000, 0.0000,
0.0000

 62.4910, -30.8081,
128.4884


 143.8540,
-34.9310, 97.4750

 52.6240, -25.9436,
108.2008


 164.9010,
-32.9822, 79.0168


 42.7570, -21.0792,
87.9131

 184.8880,
-30.0178, 61.4882

 33.0040, -15.7780,
67.5255

 205.4620,
-27.3428, 43.4448

 24.3760, -10.0454,
48.7822

 226.1500,
-24.2309, 25.3015

 14.8790, -6.3493,
29.9241


 246.9520,


 0.0000, 0.0000,


-20.6823, 7.0581


0.0000


 252.6060, -9.1728,
2.0995


 90.9430, -33.0029,
132.4770


 90.9430, -33.0029,
132.4770

 74.1190, -36.5407,
147.2316

 107.7670,
-29.4651, 117.7223

 124.5910,
-25.9274, 102.9677

 141.5290,
-21.9528, 88.1131

 157.7660,
-18.1256, 73.8732

 174.5900,
-14.5879, 59.1186

191.4140,
-11.0501, 44.3639

208.2380, -7.5123,
29.6093

225.1760, -3.5378,
14.7546

242.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.3290, 8.7118, 146.1705



90.9430, -33.0029, 132.4770



114.3690, -56.3839, 71.5904

Triad

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



90.9430, -33.0029, 132.4770



95.0210, -19.2374, -83.3334



104.2060, 74.3414, -91.3887

Complementary

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



90.9430, -33.0029, 132.4770



175.0570, 33.0029, -132.4770

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.



115.9460, 68.5536, -101.6846



90.9430, -33.0029, 132.4770



107.2870, 17.6065, -94.0907

Square

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



90.9430, -33.0029, 132.4770



88.1160, -43.4412, -66.7537



115.7060, 52.4029, -101.4742



122.3690, 64.4011, 17.2164

Rectangle

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



90.9430, -33.0029, 132.4770



115.6110, -56.9962, 34.5442



115.7060, 52.4029, -101.4742



108.9020, 72.0263, -95.5071

Sweetspot

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



90.9430, -33.0029, 132.4770



207.2180, -10.4605, 41.9048



114.0340, 63.0872, 112.2262



99.2590, -6.0437, 25.2059



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.



90.9430, -33.0029, 132.4770



78.5930, -38.7463, 154.7089



153.1650, -63.6783, 77.9083



111.5880, -1.7689, 7.3773



56.7770, -27.9911, 111.5746



17.3310, -8.5442, 33.9127

Inverse Universe

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



175.0570, 33.0029, -132.4770



176.4070, 38.7463, -154.7089



112.8350, 63.6783, -77.9083



116.4120, 1.7689, -7.3773



127.2230, 27.9911, -111.5746



38.6690, 8.5442, -33.9127

Previews

White Background



This preview shows how the YUV color 90.9430, -33.0029, 132.4770 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 90.9430, -33.0029, 132.4770 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 90.9430, -33.0029, 132.4770

Background



This preview shows how black text looks on a background with the YUV color 90.9430, -33.0029, 132.4770.



This preview shows how white text looks on a background with the YUV color 90.9430, -33.0029,

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

90.9430, -33.0029, 132.4770

Protanopia

119.0660, -37.0075, 16.6051

Deuteranopia

115.3230, -56.8542, 35.6737



Tritanopia

90.4870, -34.7501, 132.8769

Trichromacy



Original Color

90.9430, -33.0029, 132.4770

Protanomaly

109.0850, -35.5379, 58.6845

Deuteranomaly

106.2470, -47.9428, 70.8204

Tritanomaly

90.6010, -34.3133, 132.7769

Monochromacy



Original Color

90.9430, -33.0029, 132.4770

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2080, -11.9345, 48.0526

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9430, -33.0029, 132.4770 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(242, 27, 24)` looks like.

```
.text, #text, p{  
    color:rgb(242, 27, 24)  
}
```

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(242, 27, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 27, 24) }
```

Border

The CSS property to change the border of an element to YUV 90.9430, -33.0029, 132.4770 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(242, 27, 24) }
```


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

```
.border{ border-color:rgb(242, 27, 24) }
```

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

Here you see how a box with a 4 pixel rgb(242, 27, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 27, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 27, 24);  
box-shadow:4px 4px 4px 4px rgb(242, 27,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 90.9430, -33.0029, 132.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 27, 24) }
```

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

```
.background{ background-color: rgb(242, 27,  
24) }
```

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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