

# Converting Colors

YUV(90.2680, -32.6701,  
119.0370)

Have a look what the booklet for  
YUV(90.2680, -32.6701, 119.0370)  
contains.

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# Color

**YUV(90.2680, -32.6701,  
119.0370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E22218
RGB	226, 34, 24
RGB Percent	89%, 13%, 9%
CMY	0.1137, 0.8667, 0.9059
CMYK	0.00, 0.85, 0.89, 0.11
HSL	3°, 81%, 49%
HSV	3°, 89%, 89%
XYZ	32.1009, 17.3788, 2.5267
YIQ	90.2680, 117.6420, 37.5940

# Conversions

## Conversions Part 2

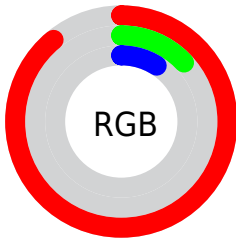
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 35, 24
Decimal	14819864
CIE Lab	48.73, 69.18, 54.56
CIE LCh	49, 88.105, 38.265
Yxy	17.3788, 0.6173, 0.3342
Android (android.graphics.Color)	4293009944 (0xFFE22218)
YUV	90.2680, -32.6701, 119.0370
Hunter-Lab	41.6878, 64.4968, 25.5879

# Details

The YUV color **90.2680, -32.6701, 119.0370** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **159.7320, 32.6701, -119.0370**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7400, -35.3678, 97.5750**, and **48.1390, -23.7325, 98.9791** is the 20% darker color. If you saturate the color by 10%, you get **75.3190, -36.6393, 132.1472**, and if you desaturate by 10%, it is **105.2170, -28.7010, 105.9267**.

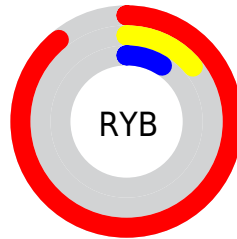
# Distribution



Red (89%)

Green (13%)

Blue (9%)



Red (89%)

Yellow (14%)

Blue (9%)

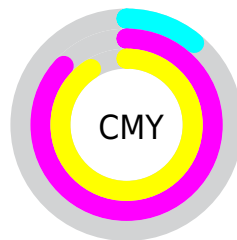


Cyan (0%)

Magenta (85%)

Yellow (89%)

Black (11%)



Cyan (11%)

Magenta (87%)


Yellow (91%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 90.2680, -32.6701, 119.0370 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 90.2680, -32.6701, 119.0370 by changing the saturation by 10% instead.




 90.2680, -32.6701,  
119.0370


 90.2680, -32.6701,  
119.0370


255.0000, 0.0000,  
0.0000


 57.7070, -28.4496,  
118.6520


 143.7400,  
-35.3678, 97.5750

 48.1390, -23.7325,  
98.9791


 164.2000,  
-33.1296, 79.6316


 38.2720, -18.8681,  
78.6915


 184.1870,  
-30.1652, 62.1030

 29.1170, -13.8617,  
59.5334

 204.1740,  
-27.2008, 44.5744

 20.6740, -8.7133,  
41.5049

 224.8620,  
-24.0890, 26.4310

 10.2800, -4.5750,  
20.8024

 245.6640,

 0.0000, 0.0000,

-20.5404, 8.1877

0.0000

■ 252.4920, -9.6096,  
2.1995

■ 90.2680, -32.6701,  
119.0370

■ 90.2680, -32.6701,  
119.0370

■ 75.3190, -36.6393,  
132.1472

■ 105.2170,  
-28.7010, 105.9267

■ 74.0310, -36.4973,  
133.2768

■ 120.6390,  
-25.4580, 92.4016

■ 135.5880,  
-21.4889, 79.2913

■ 151.0100,  
-18.2459, 65.7662

■ 165.9590,  
-14.2768, 52.6560

■ 181.4950,  
-10.5970, 39.0309

■ 196.3300, -7.0647,  
26.0206

■ 211.8660, -3.3849,  
12.3955

■ 226.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



83.3450, 7.7179, 138.2634



90.2680, -32.6701, 119.0370



107.8460, -53.1681, 66.7871

# Triad

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



90.2680, -32.6701, 119.0370



89.6240, -17.0696, -78.6002



99.5100, 76.6566, -87.2703

# Complementary

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



90.2680, -32.6701, 119.0370



159.7320, 32.6701, -119.0370

# 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.



110.6630, 71.1581, -97.0515



90.2680, -32.6701, 119.0370



100.5050, 17.0060, -88.1429

# Square

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



90.2680, -32.6701, 119.0370



84.9260, -41.8685, -57.8171



108.8270, 48.8923, -95.4413



116.1750, 58.5807, 17.3865



# Rectangle

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



90.2680, -32.6701, 119.0370



109.0990, -53.7858, 31.4852



108.8270, 48.8923, -95.4413



104.2060, 74.3414, -91.3887

# Sweetspot

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



90.2680, -32.6701, 119.0370



208.9790, -11.3286, 40.3604



106.6280, 55.3994, 104.6892



100.4330, -6.6225, 24.1763



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.



90.2680, -32.6701, 119.0370



83.8760, -41.3509, 150.0757



147.7940, -61.0304, 68.5867



104.8760, -1.9109, 6.2477



57.9070, -28.5482, 103.5676



15.5260, -7.6543, 28.4797



# Inverse Universe

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



159.7320, 32.6701, -119.0370



171.1240, 41.3509, -150.0757



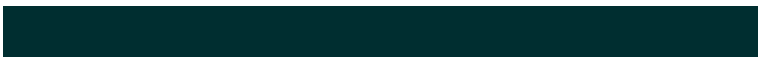
102.2060, 61.0304, -68.5867



108.7110, 1.6215, -6.7625



118.0930, 28.5482, -103.5676



32.4740, 7.6543, -28.4797



# Previews

## White Background



This preview shows how the YUV color 90.2680, -32.6701, 119.0370 looks on a white 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



# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 90.2680, -32.6701, 119.0370

## Background



This preview shows how black text looks on a background with the YUV color 90.2680, -32.6701, 119.0370.



This preview shows how white text looks on a background with the YUV color 90.2680, -32.6701,



# 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

90.2680, -32.6701, 119.0370

### Protanopia

112.3370, -34.6761, 15.4905

### Deuteranopia

109.1100, -53.7912, 33.2295



## Tritanopia

90.3650, -29.7599, 118.9519

# Trichromacy



## Original Color

90.2680, -32.6701, 119.0370

## Protanomaly

104.3940, -34.2112, 53.1515

## Deuteranomaly

102.3710, -46.0319, 64.5726

## Tritanomaly

90.1370, -30.6335, 119.1519

# Monochromacy



## Original Color

90.2680, -32.6701, 119.0370

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

90.1750, -11.9183, 42.8195

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.2680, -32.6701, 119.0370 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(226, 34, 24)` looks like.

```
.text, #text, p{  
    color:rgb(226, 34, 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(226, 34, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 34, 24) }
```

## Border

The CSS property to change the border of an element to YUV 90.2680, -32.6701, 119.0370 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(226, 34, 24) }
```



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

```
.border{ border-color:rgb(226, 34, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 34, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 34, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 34, 24);  
box-shadow:4px 4px 4px 4px rgb(226, 34,  
24) }
```

# Background

The CSS property to change the background color of an element to YUV 90.2680, -32.6701, 119.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 34, 24) }
```

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

```
.background{ background-color: rgb(226, 34,  
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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