

# Converting Colors

YIQ(115.5920, 72.3910, 26.1750)

Have a look what the booklet for  
YIQ(115.5920, 72.3910, 26.1750)  
contains.

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# Color

**YIQ(115.5920, 72.3910,  
26.1750)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94F50
RGB	201, 79, 80
RGB Percent	79%, 31%, 31%
CMY	0.2115, 0.6904, 0.6860
CMYK	0.00, 0.61, 0.60, 0.21
HSL	359°, 53%, 55%
HSV	359°, 61%, 79%
XYZ	28.3503, 18.5926, 9.6981
YIQ	115.5920, 72.3910, 26.1750

# Conversions

## Conversions Part 2

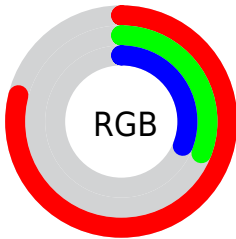
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 79, 80
Decimal	13193040
CIE <sub>Lab</sub>	50.21, 48.70, 24.83
CIE <sub>LCh</sub>	50, 54.664, 27.018
Yxy	18.5926, 0.5005, 0.3283
Android (android.graphics.Color)	4291383120 (0xFFC94F50)
YUV	115.5920, -17.5469, 74.9028
Hunter-Lab	43.1192, 41.9029, 16.8483

# Details

The YIQ color **115.5920, 72.3910, 26.1750** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **164.4080, -72.3910, -26.1750**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0220, 73.9960, 24.6200**, and **58.4760, 67.0260, 29.7940** is the 20% darker color. If you saturate the color by 10%, you get **101.5720, 84.3110, 30.4150**, and if you desaturate by 10%, it is **129.6120, 60.4710, 21.9350**.

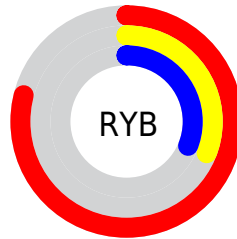
# Distribution



Red (79%)

Green (31%)

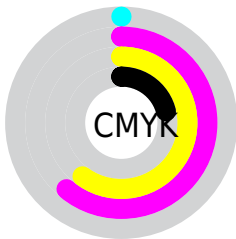
Blue (31%)



Red (79%)

Yellow (31%)

Blue (31%)

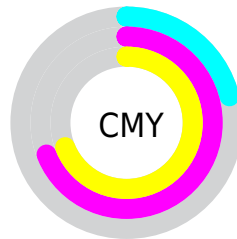


Cyan (0%)

Magenta (61%)

Yellow (60%)

Black (21%)



Cyan (21%)

Magenta (69%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5920, 72.3910, 26.1750 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 YIQ color 115.5920, 72.3910, 26.1750 by changing the saturation by 10% instead.



■ 115.5920, 72.3910,  
26.1750

■ 115.5920, 72.3910,  
26.1750

■ 255.0000, -0.0000,  
-0.0000

■ 88.1510, 69.3190,  
26.7830

■ 169.0220, 73.9960,  
24.6200

■ 58.5900, 66.7050,  
30.1050

■ 187.8350, 58.2250,  
18.5850

■ 35.1980, 61.9370,  
28.4090

■ 207.3490, 41.8580,  
12.3380

■ 24.8170, 49.4680,  
17.5960

■ 227.5640, 24.8950,  
5.8790


■ 17.2710, 33.3300,  
12.7060


■ 247.7790, 7.9320,  
-0.5800


■ 4.7840, 9.5360,  
3.3920


■ 0.0000, 0.0000,


0.0000


 115.5920, 72.3910,  
26.1750


 115.5920, 72.3910,  
26.1750


 101.5720, 84.3110,  
30.4150


 129.6120, 60.4710,  
21.9350


 87.5520, 96.2310,  
34.6550


 143.6320, 48.5510,  
17.6950


 73.5320, 108.1510,  
38.8950

 157.6520, 36.6310,  
13.4550

 60.3270, 119.1540,  
43.2340

 171.6720, 24.7110,  
9.2150

 185.6920, 12.7910,  
4.9750

 200.2990, 0.5960,  
0.2120

■ 214.3190,  
-11.3240, -4.0280

■ 228.2250,  
-22.9230, -8.5790

■ 238.8540,  
-32.1840, -11.4480

# Harmonies

## Analogous

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



117.3030, 57.8080, 42.6720



115.5920, 72.3910, 26.1750



115.6180, 68.3610, 0.0810

# Triad

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



115.5920, 72.3910, 26.1750



96.6140, -41.5770, -44.9770



98.2440, -103.0230, 0.3450

# Complementary

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



115.5920, 72.3910, 26.1750



164.4080, -72.3910, -26.1750

# 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.



102.8770, -100.9120, -10.3840



115.5920, 72.3910, 26.1750



95.6490, -75.0480, -38.6000

# Square

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



115.5920, 72.3910, 26.1750



108.7720, 16.6960, -38.2800



101.0070, -90.1350, -23.9830



120.0150, -29.5780, 29.4460



# Rectangle

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



115.5920, 72.3910, 26.1750



114.0490, 59.0570, -18.5350



101.0070, -90.1350, -23.9830



100.8370, -103.4350, -3.2030

# Sweetspot

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



115.5920, 72.3910, 26.1750



222.8680, 27.0950, 10.0630



128.7880, 32.3580, 63.3820



107.7850, 16.9630, 6.4590



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.



115.5920, 72.3910, 26.1750



124.8420, 110.2140, 40.0540



150.1110, 56.4870, -4.9930



92.6910, 5.3640, 1.9080



48.8510, 96.8270, 34.8670



10.7640, 21.4560, 7.6320



# Inverse Universe

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



115.5920, 72.3910, 26.1750



124.8420, 110.2140, 40.0540



129.8890, -56.4870, 4.9930



92.6910, 5.3640, 1.9080



48.8510, 96.8270, 34.8670

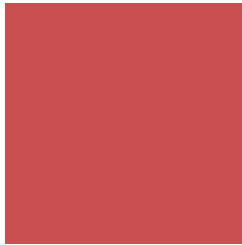


10.7640, 21.4560, 7.6320



# Previews

## White Background



This preview shows how the YIQ color 115.5920, 72.3910, 26.1750 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 YIQ color 115.5920, 72.3910, 26.1750 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](#).

# YIQ 115.5920, 72.3910, 26.1750

## Background



This preview shows how black text looks on a background with the YIQ color 115.5920, 72.3910, 26.1750.



This preview shows how white text looks on a background with the YIQ color 115.5920, 72.3910,



# 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

115.5920, 72.3910, 26.1750

### Protanopia

119.5850, 11.2340, -5.3580

### Deuteranopia

119.2960, 31.0410, -6.3910



## Tritanopia

115.3470, 71.7030, 27.6310

# Trichromacy



## Original Color

115.5920, 72.3910, 26.1750

## Protanomaly

118.0550, 33.6980, 6.0340

## Deuteranomaly

117.8730, 45.8940, 5.2700

## Tritanomaly

115.2330, 72.0240, 27.3200

# Monochromacy



## Original Color

115.5920, 72.3910, 26.1750

## Achromatopsia

116.0000, -0.0000, 0.0000

## Achromatomaly

116.1560, 26.2240, 9.3280

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 115.5920, 72.3910, 26.1750 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(201, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(201, 79, 80)  
}
```

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(201, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 79, 80) }
```

## Border

The CSS property to change the border of an element to YIQ 115.5920, 72.3910, 26.1750 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(201, 79, 80) }
```



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

```
.border{ border-color:rgb(201, 79, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 79, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(201, 79,  
80) }
```

# Background

The CSS property to change the background color of an element to YIQ 115.5920, 72.3910, 26.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 79, 80) }
```

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

```
.background{ background-color: rgb(201, 79,  
80) }
```

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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