

# Converting Colors

YIQ(92.1010, 125.4820, 38.6820)

Have a look what the booklet for  
YIQ(92.1010, 125.4820, 38.6820)  
contains.

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# Color

**YIQ(92.1010, 125.4820,  
38.6820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC2113
RGB	236, 33, 19
RGB Percent	93%, 13%, 7%
CMY	0.0740, 0.8708, 0.9250
CMYK	0.00, 0.86, 0.92, 0.07
HSL	4°, 85%, 50%
HSV	4°, 92%, 93%
XYZ	35.2924, 18.9840, 2.4261
YIQ	92.1010, 125.4820, 38.6820

# Conversions

## Conversions Part 2

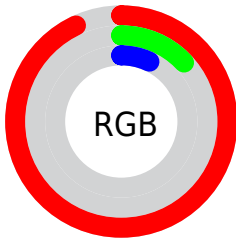
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 34, 19
Decimal	15474963
CIE <sub>Lab</sub>	50.67, 72.01, 58.67
CIE <sub>LCh</sub>	51, 92.885, 39.169
Yxy	18.9840, 0.6224, 0.3348
Android (android.graphics.Color)	4293665043 (0xFFEC2113)
YUV	92.1010, -36.0388, 126.1994
Hunter-Lab	43.5707, 68.3370, 27.1981

# Details

The YIQ color **92.1010, 125.4820, 38.6820** 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 **162.8990, -125.4820, -38.6820**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **144.5720, 101.5060, 21.6500**, and **50.8300, 101.3200, 36.0400** is the 20% darker color. If you saturate the color by 10%, you get **79.3690, 136.5310, 42.1870**, and if you desaturate by 10%, it is **107.7510, 111.7280, 34.6400**.

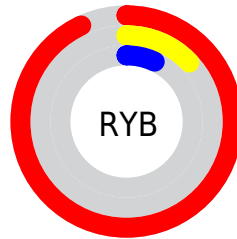
# Distribution



Red (93%)

Green (13%)

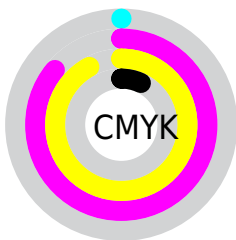
Blue (7%)



Red (93%)

Yellow (13%)

Blue (7%)

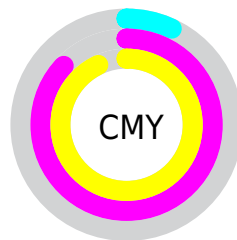


Cyan (0%)

Magenta (86%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (87%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 92.1010, 125.4820, 38.6820 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 92.1010, 125.4820, 38.6820 by changing the saturation by 10% instead.




 92.1010, 125.4820,  
38.6820


 92.1010, 125.4820,  
38.6820


255.0000, -0.0000,  
-0.0000


 60.6970, 120.9880,  
43.0360


 144.5720,  
101.5060, 21.6500


 50.8300, 101.3200,  
36.0400


 165.0320, 85.2310,  
13.7350


 40.9630, 81.6520,  
29.0440


 185.0190, 68.9100,  
6.6540

 31.5090, 62.2590,  
22.5710

 205.5930, 52.3140,  
-0.9500

 23.1800, 44.0120,  
17.3560

 225.8080, 35.3510,  
-7.4090


 13.2700, 25.9030,  
9.6390


 247.0830, 18.1590,


 0.0000, 0.0000,


-15.2250


0.0000


 252.1500, 8.0250,  
-7.7750


 92.1010, 125.4820,  
38.6820


 92.1010, 125.4820,  
38.6820


 79.3690, 136.5310,  
42.1870

 107.7510,  
111.7280, 34.6400

 123.2870, 98.2950,  
30.2870

 138.9370, 84.5410,  
26.2450

 154.5870, 70.7870,  
22.2030

 170.1230, 57.3540,  
17.8500

■ 186.3600, 43.3250,  
13.2850

■ 201.8960, 29.8920,  
8.9320

■ 217.5460, 16.1380,  
4.8900

■ 233.1960, 2.3840,  
0.8480

# Harmonies

## Analogous

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



87.1610, 118.3670, 85.0470



92.1010, 125.4820, 38.6820



112.8740, 87.7110, -9.1930

# Triad

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



92.1010, 125.4820, 38.6820



94.1890, -59.9140, -59.5780



101.8580, -115.9550, 14.4530

# Complementary

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



92.1010, 125.4820, 38.6820



162.8990, -125.4820, -38.6820

# 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.



114.1850, -121.7300, 3.4700



92.1010, 125.4820, 38.6820



105.6400, -88.0240, -34.7120

# Square

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



92.1010, 125.4820, 38.6820



83.3540, -39.0500, -74.2660



114.3040, -112.4200, -11.0760



121.0060, -15.0500, 63.5260



# Rectangle

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



92.1010, 125.4820, 38.6820



113.2300, 56.6290, -29.6030



114.3040, -112.4200, -11.0760



107.1410, -118.4300, 9.7460

# Sweetspot

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



92.1010, 125.4820, 38.6820



207.5770, 41.2160, 12.9600



107.3670, 63.2060, 110.0700



98.9170, 25.3990, 7.7590



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.



92.1010, 125.4820, 38.6820



85.6370, 147.5800, 45.6920



153.7360, 96.6070, -16.2330



109.2890, 6.5560, 2.3320



61.1630, 104.5760, 32.0960



17.9070, 31.3590, 9.8790



# Inverse Universe

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



162.8990, -125.4820, -38.6820



169.3630, -147.5800, -45.6920



101.2640, -96.6070, 16.2330



113.7110, -6.5560, -2.3320



120.4240, -104.8510, -32.6190



35.5060, -31.0840, -9.3560



# Previews

## White Background



This preview shows how the YIQ color 92.1010, 125.4820, 38.6820 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 92.1010, 125.4820, 38.6820 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 92.1010, 125.4820, 38.6820

## Background



This preview shows how black text looks on a background with the YIQ color 92.1010, 125.4820, 38.6820.



This preview shows how white text looks on a background with the YIQ color 92.1010, 125.4820,



# 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

92.1010, 125.4820, 38.6820

### Protanopia

116.7240, 34.9870, -22.8450

### Deuteranopia

113.2520, 59.5630, -27.7090



## Tritanopia

92.5400, 122.8680, 42.0040

# Trichromacy



## Original Color

92.1010, 125.4820, 38.6820

## Protanomaly

107.9060, 67.4900, -0.6540

## Deuteranomaly

105.4100, 83.4460, -3.4820

## Tritanomaly

92.1980, 123.8310, 41.0710

# Monochromacy



## Original Color

92.1010, 125.4820, 38.6820

## Achromatopsia

92.0000, 0.0000, -0.0000

## Achromatomaly

92.2570, 45.1130, 13.9210

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 92.1010, 125.4820, 38.6820 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(236, 33, 19)` looks like.

```
.text, #text, p{  
    color:rgb(236, 33, 19)  
}
```

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(236, 33, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 33, 19) }
```

## Border

The CSS property to change the border of an element to YIQ 92.1010, 125.4820, 38.6820 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(236, 33, 19) }
```



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

```
.border{ border-color:rgb(236, 33, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 33, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 33, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 33, 19);  
box-shadow:4px 4px 4px 4px rgb(236, 33,  
19) }
```

# Background

The CSS property to change the background color of an element to YIQ 92.1010, 125.4820, 38.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 33, 19) }
```

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

```
.background{ background-color: rgb(236, 33,  
19) }
```

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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