

Converting Colors

YIQ(90.6210, 91.7830, 38.1750)

Have a look what the booklet for
YIQ(90.6210, 91.7830, 38.1750)
contains.

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Color

**YIQ(90.6210, 91.7830,
38.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	CA2936
RGB	202, 41, 54
RGB Percent	79%, 16%, 21%
CMY	0.2075, 0.8394, 0.7879
CMYK	0.00, 0.80, 0.73, 0.21
HSL	355°, 66%, 48%
HSV	355°, 80%, 79%
XYZ	25.8427, 14.4189, 4.9222
YIQ	90.6210, 91.7830, 38.1750

Conversions

Conversions Part 2

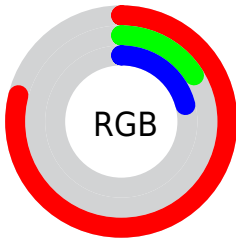
Format	Color
RYB	202, 41, 54
Decimal	13248822
CIELab	44.83, 61.73, 33.63
CIElCh	45, 70.296, 28.580
Yxy	14.4189, 0.5719, 0.3191
Android (android.graphics.Color)	4291438902 (0xFFCA2936)
YUV	90.6210, -18.0542, 97.6794
Hunter-Lab	37.9722, 55.0303, 18.8950

Details

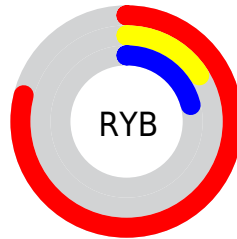
The YIQ color **90.6210, 91.7830, 38.1750** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **152.3790, -91.7830, -38.1750**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.6330, 91.5090, 32.1250**, and **43.2280, 79.5880, 33.4120** is the 20% darker color. If you saturate the color by 10%, you get **76.8290, 103.0610, 43.0370**, and if you desaturate by 10%, it is **104.5270, 80.1840, 33.6240**.

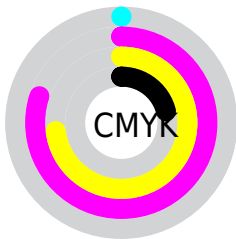
Distribution



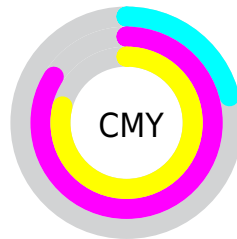
- Red (79%)
- Green (16%)
- Blue (21%)



- Red (79%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (80%)
- Yellow (73%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.6210, 91.7830, 38.1750 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 90.6210, 91.7830, 38.1750 by changing the saturation by 10% instead.

■ 90.6210, 91.7830,
38.1750

■ 90.6210, 91.7830,
38.1750

255.0000, -0.0000,
-0.0000

■ 54.8910, 91.3230,
46.5150

■ 147.6330, 91.5090,
32.1250

■ 43.2280, 79.5880,
33.4120

■ 166.9190, 75.7840,
25.2560

■ 32.5910, 64.9640,
23.1080

■ 186.9060, 59.4630,
18.1750

■ 23.7350, 46.7630,
17.0590

■ 207.0070, 42.8210,
11.4050

■ 15.1780, 29.1580,
11.2220

■ 227.1080, 26.1790,
4.6350

■ 0.0000, 0.0000,
0.0000

■ 248.0240, 8.6200,

-2.0360

■ 90.6210, 91.7830,
38.1750

■ 90.6210, 91.7830,
38.1750

■ 76.8290, 103.0610,
43.0370

■ 104.5270, 80.1840,
33.6240

■ 62.9230, 114.6600,
47.5880

■ 118.3190, 68.9060,
28.7620

■ 62.2220, 115.2560,
47.8000

■ 132.8120, 57.0320,
23.6880

■ 146.6040, 45.7540,
18.8260

■ 160.5100, 34.1550,
14.2750

■ 174.3020, 22.8770,
9.4130

■ 188.2080, 11.2780,
4.8620

■ 202.7010, -0.5960,
-0.2120

■ 216.4930,
-11.8740, -5.0740

Harmonies

Analogous

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



84.9170, 80.4070, 68.1430



90.6210, 91.7830, 38.1750



97.5240, 83.1250, -3.1710

Triad

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



90.6210, 91.7830, 38.1750



78.8810, -47.1230, -54.6030



93.1550, -103.8500, 9.8300

Complementary

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



90.6210, 91.7830, 38.1750



152.3790, -91.7830, -38.1750

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.



98.0330, -101.0510, -2.3550



90.6210, 91.7830, 38.1750



87.8240, -68.1710, -36.5790

Square

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



90.6210, 91.7830, 38.1750



91.6800, 10.7830, -46.7610



95.2510, -87.7060, -18.4420



104.8540, -39.0700, 36.2740

Rectangle

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



90.6210, 91.7830, 38.1750



100.0170, 62.0830, -18.3090



95.2510, -87.7060, -18.4420



95.7480, -104.2620, 6.2820

Sweetspot

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



90.6210, 91.7830, 38.1750



212.8090, 34.7510, 14.4870



103.6060, 36.5270, 81.4470



102.4050, 21.0890, 8.7770



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.



90.6210, 91.7830, 38.1750



85.5350, 139.6000, 58.1600



128.4680, 77.5310, -0.9090



95.1040, 5.6390, 2.4310



51.2300, 94.4420, 39.5460



11.7040, 21.6850, 8.9890

Inverse Universe

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



90.6210, 91.7830, 38.1750



85.5350, 139.6000, 58.1600



114.5320, -77.5310, 0.9090



95.1040, 5.6390, 2.4310



51.2300, 94.4420, 39.5460



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 90.6210, 91.7830, 38.1750 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



This preview shows how the YIQ color 90.6210, 91.7830, 38.1750 looks on a 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](#).

YIQ 90.6210, 91.7830, 38.1750

Background



This preview shows how black text looks on a background with the YIQ color 90.6210, 91.7830, 38.1750.



This preview shows how white text looks on a background with the YIQ color 90.6210, 91.7830,

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

90.6210, 91.7830, 38.1750

Protanopia

105.8580, 14.7190, -7.9450

Deuteranopia

104.6570, 37.0940, -11.4660



Tritanopia

90.5410, 94.7640, 33.7080

Trichromacy



Original Color

90.6210, 91.7830, 38.1750

Protanomaly

100.4260, 42.9590, 8.9030

Deuteranomaly

99.6740, 56.7600, 6.5840

Tritanomaly

90.4100, 93.7550, 35.4750

Monochromacy



Original Color

90.6210, 91.7830, 38.1750

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.9120, 32.9630, 13.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6210, 91.7830, 38.1750 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(202, 41, 54)` looks like.

```
.text, #text, p{  
    color:rgb(202, 41, 54)  
}
```

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(202, 41, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 41, 54) }
```

Border

The CSS property to change the border of an element to YIQ 90.6210, 91.7830, 38.1750 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(202, 41, 54) }
```


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

```
.border{ border-color:rgb(202, 41, 54) }
```

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

Here you see how a box with a 4 pixel rgb(202, 41, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 41, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 41, 54);  
box-shadow:4px 4px 4px 4px rgb(202, 41,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6210, 91.7830, 38.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 41, 54) }
```

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

```
.background{ background-color: rgb(202, 41,  
54) }
```

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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