

Converting Colors

YIQ(90.5420, 102.1910, 36.7750)

Have a look what the booklet for
YIQ(90.5420, 102.1910, 36.7750)
contains.

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Color

**YIQ(90.5420, 102.1910,
36.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	D32728
RGB	211, 39, 40
RGB Percent	83%, 15%, 16%
CMY	0.1721, 0.8473, 0.8427
CMYK	0.00, 0.82, 0.81, 0.17
HSL	360°, 69%, 49%
HSV	360°, 82%, 83%
XYZ	28.0018, 15.4645, 3.5258
YIQ	90.5420, 102.1910, 36.7750

Conversions

Conversions Part 2

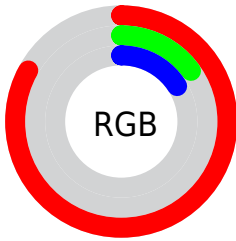
Format	Color
RYB	211, 39, 40
Decimal	13838120
CIELab	46.26, 64.32, 43.60
CIElCh	46, 77.708, 34.134
Yxy	15.4645, 0.5959, 0.3291
Android (android.graphics.Color)	4292028200 (0xFFD32728)
YUV	90.5420, -24.9172, 105.6417
Hunter-Lab	39.3250, 58.2845, 22.2117

Details

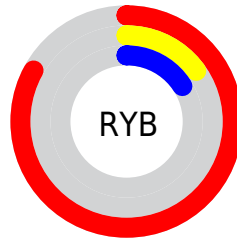
The YIQ color **90.5420, 102.1910, 36.7750** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **159.4580, -102.1910, -36.7750**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.0370, 96.0030, 27.7710**, and **43.9530, 87.6120, 31.1640** is the 20% darker color. If you saturate the color by 10%, you get **75.8210, 114.7070, 41.2270**, and if you desaturate by 10%, it is **105.2630, 89.6750, 32.3230**.

Distribution



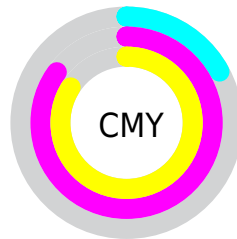
- Red (83%)
- Green (15%)
- Blue (16%)



- Red (83%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (17%)





- Cyan (17%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.5420, 102.1910, 36.7750 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 90.5420, 102.1910, 36.7750 by changing the saturation by 10% instead.


 90.5420, 102.1910,
36.7750


 90.5420, 102.1910,
36.7750


255.0000, -0.0000,
-0.0000


 55.5730, 100.9060,
43.5460


 146.0370, 96.0030,
27.7710


 44.2520, 88.2080,
31.3760


 165.9100, 80.0030,
20.3790


 34.6840, 69.1360,
24.5920


 185.1960, 64.2780,
13.5100

 25.5290, 50.3390,
18.3310

 205.2970, 47.6360,
6.7400

 16.9720, 32.7340,
12.4940

 225.9850, 30.7190,
-0.5530

 3.8870, 7.7480,
2.7560

 246.7870, 13.4810,

 0.0000, 0.0000,

-7.5350

0.0000

254.2020, 2.2470,
-2.1770

90.5420, 102.1910,
36.7750

90.5420, 102.1910,
36.7750

75.8210, 114.7070,
41.2270

105.2630, 89.6750,
32.3230

63.2030, 125.4350,
45.0430

119.9840, 77.1590,
27.8710

134.7050, 64.6430,
23.4190

149.4260, 52.1270,
18.9670

164.1470, 39.6110,
14.5150

■ 179.4550, 26.8200,
9.5400

■ 194.1760, 14.3040,
5.0880

■ 208.8970, 1.7880,
0.6360

■ 223.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



77.3370, 97.1400, 78.7720



90.5420, 102.1910, 36.7750



101.6440, 82.6670, -5.8850

Triad

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



90.5420, 102.1910, 36.7750



83.4290, -51.6620, -54.9420



95.6800, -109.5820, 14.5940

Complementary

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



90.5420, 102.1910, 36.7750



159.4580, -102.1910, -36.7750

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.



102.8890, -109.2130, 2.3950



90.5420, 102.1910, 36.7750



93.1700, -74.9570, -34.7410

Square

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



90.5420, 102.1910, 36.7750



90.1080, -2.4660, -54.4500



100.5800, -95.8220, -14.5260



110.1210, -26.2800, 46.7760

Rectangle

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



90.5420, 102.1910, 36.7750



103.8160, 58.0950, -23.1290



100.5800, -95.8220, -14.5260



99.0880, -110.9110, 11.1450

Sweetspot

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



90.5420, 102.1910, 36.7750



212.2390, 36.3560, 12.9320



109.1390, 45.5120, 89.3200



102.0630, 22.0520, 7.8440



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.



90.5420, 102.1910, 36.7750



79.9780, 148.3580, 53.6220



139.1490, 79.6870, -6.9450



97.2890, 6.5560, 2.3320



50.3460, 99.8070, 35.9270



12.2590, 24.4360, 8.6920

Inverse Universe

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



90.5420, 102.1910, 36.7750



79.9780, 148.3580, 53.6220



110.8510, -79.6870, 6.9450



97.2890, 6.5560, 2.3320



50.3460, 99.8070, 35.9270



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 90.5420, 102.1910, 36.7750 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](#).

YIQ 90.5420, 102.1910, 36.7750

Background



This preview shows how black text looks on a background with the YIQ color 90.5420, 102.1910, 36.7750.



This preview shows how white text looks on a background with the YIQ color 90.5420, 102.1910,

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

90.5420, 102.1910, 36.7750

Protanopia

108.3610, 23.2480, -13.8400

Deuteranopia

105.9320, 46.2650, -17.9830



Tritanopia

90.3140, 102.8330, 36.1530

Trichromacy



Original Color

90.5420, 102.1910, 36.7750

Protanomaly

101.8690, 51.7170, 4.3650

Deuteranomaly

100.3020, 66.4350, 1.9470

Tritanomaly

90.4280, 102.5120, 36.4640

Monochromacy



Original Color

90.5420, 102.1910, 36.7750

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.8370, 37.5480, 13.3560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.5420, 102.1910, 36.7750 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(211, 39, 40)` looks like.

```
.text, #text, p{  
    color:rgb(211, 39, 40)  
}
```

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(211, 39, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 39, 40) }
```

Border

The CSS property to change the border of an element to YIQ 90.5420, 102.1910, 36.7750 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(211, 39, 40) }
```


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

```
.border{ border-color:rgb(211, 39, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 39, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 39, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 39, 40);  
box-shadow:4px 4px 4px 4px rgb(211, 39,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 90.5420, 102.1910, 36.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 39, 40) }
```

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

```
.background{ background-color: rgb(211, 39,  
40) }
```

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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