

Converting Colors

YIQ(110.2950, 86.6490, 32.0970)

Have a look what the booklet for
YIQ(110.2950, 86.6490, 32.0970)
contains.

YIQ(110.2950, 86.6490, 32.0970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(110.2950, 86.6490,
32.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	D54245
RGB	213, 66, 69
RGB Percent	84%, 26%, 27%
CMY	0.1644, 0.7414, 0.7291
CMYK	0.00, 0.69, 0.68, 0.16
HSL	359°, 64%, 55%
HSV	359°, 69%, 84%
XYZ	30.4881, 18.4795, 7.6044
YIQ	110.2950, 86.6490, 32.0970

Conversions

Conversions Part 2

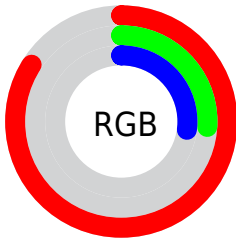
Format	Color
RYB	213, 66, 69
Decimal	13976133
CIELab	50.07, 57.47, 31.56
CIELCh	50, 65.566, 28.769
Yxy	18.4795, 0.5389, 0.3267
Android (android.graphics.Color)	4292166213 (0xFFD54245)
YUV	110.2950, -20.3584, 90.0723
Hunter-Lab	42.9878, 51.3682, 19.6032

Details

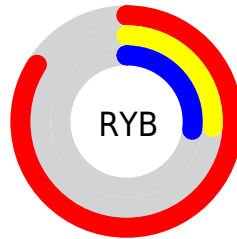
The YIQ color **110.2950, 86.6490, 32.0970** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **168.7050, -86.6490, -32.0970**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1970, 80.8730, 26.6410**, and **48.1130, 81.6500, 40.0980** is the 20% darker color. If you saturate the color by 10%, you get **95.5740, 99.1650, 36.5490**, and if you desaturate by 10%, it is **125.0160, 74.1330, 27.6450**.

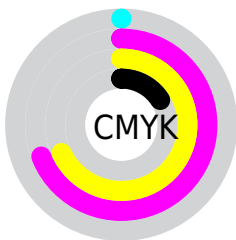
Distribution



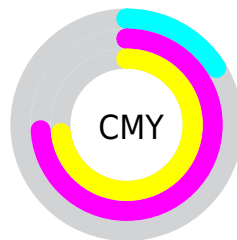
- Red (84%)
- Green (26%)
- Blue (27%)



- Red (84%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (16%)




- Cyan (16%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.2950, 86.6490, 32.0970 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 110.2950, 86.6490, 32.0970 by changing the saturation by 10% instead.


 110.2950, 86.6490,
32.0970


 110.2950, 86.6490,
32.0970


255.0000, -0.0000,
-0.0000


 79.7340, 84.0350,
35.4190


 161.1970, 80.8730,
26.6410


 48.1130, 81.6500,
40.0980


 180.5970, 64.8270,
20.0830


 36.2930, 71.7950,
25.9630


 200.6980, 48.1850,
13.3130

 26.9100, 53.6400,
19.0800

 220.7990, 31.5430,
6.5430

 19.1790, 36.5850,
14.2890

 241.0140, 14.5800,
0.0840

 8.4860, 16.3670,
6.2470

254.8860, 0.3210,

 0.0000, 0.0000,

-0.3110

0.0000

■ 110.2950, 86.6490,
32.0970

■ 110.2950, 86.6490,
32.0970

■ 95.5740, 99.1650,
36.5490

■ 125.0160, 74.1330,
27.6450

■ 80.2660, 111.9560,
41.5240

■ 140.3240, 61.3420,
22.6700

■ 65.6590, 124.1510,
46.2870

■ 155.0450, 48.8260,
18.2180

■ 64.2570, 125.3430,
46.7110

■ 169.7660, 36.3100,
13.7660

■ 184.3730, 24.1150,
9.0030

■ 199.6810, 11.3240,
4.0280

■ 214.4020, -1.1920,
-0.4240

■ 229.1230,
-13.7080, -4.8760

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



110.4070, 72.6150, 55.1670



110.2950, 86.6490, 32.0970



112.2850, 82.3000, -4.7400

Triad

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



110.2950, 86.6490, 32.0970



88.6780, -56.7970, -55.4930



100.9970, -109.3970, 5.7310

Complementary

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



110.2950, 86.6490, 32.0970



168.7050, -86.6490, -32.0970

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.



105.9890, -106.9190, -6.1430



110.2950, 86.6490, 32.0970



97.6380, -76.5150, -39.5470

Square

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



110.2950, 86.6490, 32.0970



104.1060, 18.2110, -49.2210



104.1360, -94.8120, -21.8200



119.0780, -33.8890, 35.9910

Rectangle

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



110.2950, 86.6490, 32.0970



112.1220, 65.9810, -22.8750



104.1360, -94.8120, -21.8200



103.5900, -109.8090, 2.1830

Sweetspot

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



110.2950, 86.6490, 32.0970



217.3740, 31.5420, 12.0700



125.2160, 37.4450, 75.8210



105.5680, 19.0720, 6.7840



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.



110.2950, 86.6490, 32.0970



106.9580, 124.7470, 46.4990



150.4560, 68.6370, -4.9230



99.4030, 6.2350, 2.6430



51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Inverse Universe

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



110.2950, 86.6490, 32.0970



106.9580, 124.7470, 46.4990



128.5440, -68.6370, 4.9230



99.4030, 6.2350, 2.6430



51.5850, 100.6320, 37.4960



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 110.2950, 86.6490, 32.0970 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 110.2950, 86.6490, 32.0970 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 110.2950, 86.6490, 32.0970

Background



This preview shows how black text looks on a background with the YIQ color 110.2950, 86.6490, 32.0970.



This preview shows how white text looks on a background with the YIQ color 110.2950, 86.6490,

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

110.2950, 86.6490, 32.0970

Protanopia

118.8580, 14.7190, -7.9450

Deuteranopia

117.8250, 36.6810, -9.4870



Tritanopia

110.2950, 86.6490, 32.0970

Trichromacy



Original Color

110.2950, 86.6490, 32.0970

Protanomaly

115.5890, 40.9420, 6.9100

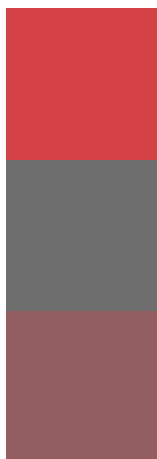
Deuteranomaly

115.3640, 54.6970, 5.4250

Tritanomaly

110.2950, 86.6490, 32.0970

Monochromacy



Original Color

110.2950, 86.6490, 32.0970

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9610, 31.2670, 11.5470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2950, 86.6490, 32.0970 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(213, 66, 69)` looks like.

```
.text, #text, p{  
    color:rgb(213, 66, 69)  
}
```

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(213, 66, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 66, 69) }
```

Border

The CSS property to change the border of an element to YIQ 110.2950, 86.6490, 32.0970 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(213, 66, 69) }
```


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

```
.border{ border-color:rgb(213, 66, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 66, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 66, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 66, 69);  
box-shadow:4px 4px 4px 4px rgb(213, 66,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2950, 86.6490, 32.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 66, 69) }
```

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

```
.background{ background-color: rgb(213, 66,  
69) }
```

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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