

Converting Colors

YIQ(100.6550, 94.4430, 34.0190)

Have a look what the booklet for
YIQ(100.6550, 94.4430, 34.0190)
contains.

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Color

**YIQ(100.6550, 94.4430,
34.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	D43536
RGB	212, 53, 54
RGB Percent	83%, 21%, 21%
CMY	0.1683, 0.7924, 0.7879
CMYK	0.00, 0.75, 0.74, 0.17
HSL	360°, 65%, 52%
HSV	360°, 75%, 83%
XYZ	29.1174, 16.8188, 5.2135
YIQ	100.6550, 94.4430, 34.0190

Conversions

Conversions Part 2

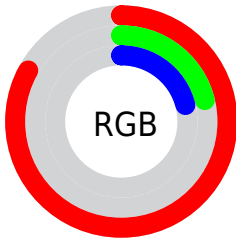
Format	Color
RYB	212, 53, 54
Decimal	13907254
CIELab	48.03, 61.07, 37.77
CIELCh	48, 71.804, 31.740
Yxy	16.8188, 0.5693, 0.3288
Android (android.graphics.Color)	4292097334 (0xFFD43536)
YUV	100.6550, -23.0009, 97.6496
Hunter-Lab	41.0107, 54.9655, 21.1703

Details

The YIQ color **100.6550, 94.4430, 34.0190** 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 **164.3450, -94.4430, -34.0190**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5030, 88.7590, 26.8950**, and **45.8050, 85.2730, 35.0090** is the 20% darker color. If you saturate the color by 10%, you get **85.9340, 106.9590, 38.4710**, and if you desaturate by 10%, it is **115.3760, 81.9270, 29.5670**.

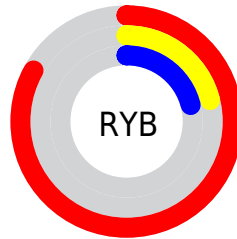
Distribution



Red (83%)

Green (21%)

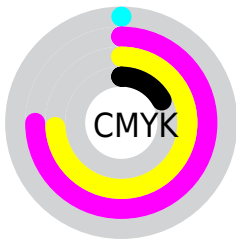
Blue (21%)



Red (83%)

Yellow (21%)

Blue (21%)

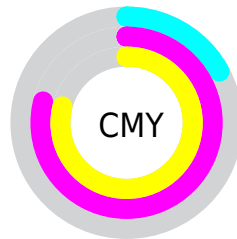


Cyan (0%)

Magenta (75%)

Yellow (74%)

Black (17%)



Cyan (17%)


Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.6550, 94.4430, 34.0190 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 100.6550, 94.4430, 34.0190 by changing the saturation by 10% instead.


 100.6550, 94.4430,
34.0190


 100.6550, 94.4430,
34.0190


255.0000, -0.0000,
-0.0000


 63.9250, 93.9830,
42.3590


 153.5030, 88.7590,
26.8950


 45.8050, 85.2730,
35.0090


 172.9030, 72.7130,
20.3370


 35.2820, 70.3280,
25.0160


 192.8900, 56.3920,
13.2560

 26.0130, 51.8520,
18.4440

 212.4040, 40.0250,
7.0090

 17.9830, 34.2010,
13.4410

 233.0920, 23.1080,
-0.2840

 6.2790, 12.5160,
4.4520

 252.8340, 6.0990,

 0.0000, 0.0000,

-5.9090

0.0000

■ 100.6550, 94.4430,
34.0190

■ 100.6550, 94.4430,
34.0190

■ 85.9340, 106.9590,
38.4710

■ 115.3760, 81.9270,
29.5670

■ 71.2130, 119.4750,
42.9230

■ 130.0970, 69.4110,
25.1150

■ 63.6160, 125.7100,
45.5660

■ 145.4050, 56.6200,
20.1400

■ 160.1260, 44.1040,
15.6880

■ 174.8470, 31.5880,
11.2360

■ 189.5680, 19.0720,
6.7840

■ 204.2890, 6.5560,
2.3320

■ 219.7110, -6.5560,
-2.3320

■ 234.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



95.3750, 84.8090, 65.4570



100.6550, 94.4430, 34.0190



106.0740, 84.2720, -7.4400

Triad

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



100.6550, 94.4430, 34.0190



85.7600, -54.0920, -54.9560



98.0450, -109.3520, 10.4240

Complementary

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



100.6550, 94.4430, 34.0190



164.3450, -94.4430, -34.0190

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.



104.4390, -108.0660, -1.8740



100.6550, 94.4430, 34.0190



95.4040, -75.7360, -37.1440

Square

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



100.6550, 94.4430, 34.0190



96.9630, 8.3080, -51.4680



102.3580, -95.3170, -18.1730



114.6920, -29.6260, 41.3340

Rectangle

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



100.6550, 94.4430, 34.0190



107.6700, 61.4420, -23.2140



102.3580, -95.3170, -18.1730



101.3390, -110.3600, 6.6640

Sweetspot

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



100.6550, 94.4430, 34.0190



213.7550, 34.8430, 12.8190



117.7700, 41.9370, 82.5210



102.7640, 21.4560, 7.6320



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.



100.6550, 94.4430, 34.0190



93.9980, 136.4380, 49.3820



145.7400, 73.5890, -6.5630



99.2890, 6.5560, 2.3320



51.2430, 101.5950, 36.5630



12.8570, 25.6280, 9.1160

Inverse Universe

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



100.6550, 94.4430, 34.0190



93.9980, 136.4380, 49.3820



119.2600, -73.5890, 6.5630



99.2890, 6.5560, 2.3320



51.2430, 101.5950, 36.5630



12.8570, 25.6280, 9.1160

Previews

White Background



This preview shows how the YIQ color 100.6550, 94.4430, 34.0190 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 100.6550, 94.4430, 34.0190 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 100.6550, 94.4430, 34.0190

Background



This preview shows how black text looks on a background with the YIQ color 100.6550, 94.4430, 34.0190.



This preview shows how white text looks on a background with the YIQ color 100.6550, 94.4430,

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

100.6550, 94.4430, 34.0190

Protanopia

113.3160, 19.1210, -10.6310

Deuteranopia

111.7560, 41.1290, -13.0070



Tritanopia

100.6550, 94.4430, 34.0190

Trichromacy



Original Color

100.6550, 94.4430, 34.0190

Protanomaly

108.5850, 46.7650, 6.0050

Deuteranomaly

107.9470, 60.2450, 3.9970

Tritanomaly

100.6550, 94.4430, 34.0190

Monochromacy



Original Color

100.6550, 94.4430, 34.0190

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.0430, 33.9720, 12.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.6550, 94.4430, 34.0190 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(212, 53, 54)` looks like.

```
.text, #text, p{  
    color:rgb(212, 53, 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(212, 53, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 53, 54) }
```

Border

The CSS property to change the border of an element to YIQ 100.6550, 94.4430, 34.0190 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(212, 53, 54) }
```


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

```
.border{ border-color:rgb(212, 53, 54) }
```

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

Here you see how a box with a 4 pixel rgb(212, 53, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 53, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 53, 54);  
box-shadow:4px 4px 4px 4px rgb(212, 53,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 100.6550, 94.4430, 34.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 53, 54) }
```

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

```
.background{ background-color: rgb(212, 53,  
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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