

Converting Colors

YIQ(100.7410, 109.6610,
55.5890)

Have a look what the booklet for
YIQ(100.7410, 109.6610, 55.5890)
contains.

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Color

**YIQ(100.7410, 109.6610,
55.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	F0234A
RGB	240, 35, 74
RGB Percent	94%, 14%, 29%
CMY	0.0583, 0.8630, 0.7094
CMYK	0.00, 0.85, 0.69, 0.06
HSL	349°, 87%, 54%
HSV	349°, 85%, 94%
XYZ	37.8175, 20.2409, 8.4105
YIQ	100.7410, 109.6610, 55.5890

Conversions

Conversions Part 2

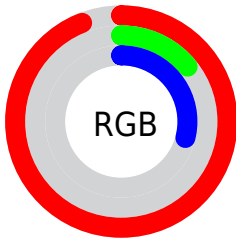
Format	Color
R_{YB}	240, 35, 74
Decimal	15737674
CIE _{Lab}	52.11, 74.18, 32.25
CIE _{LCh}	52, 80.889, 23.499
Yxy	20.2409, 0.5690, 0.3045
Android (android.graphics.Color)	4293927754 (0xFFFF0234A)
YUV	100.7410, -13.1833, 122.1301
Hunter-Lab	44.9899, 71.3108, 20.4092

Details

The YIQ color **100.7410, 109.6610, 55.5890** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **174.2590, -109.6610, -55.5890**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7880, 83.9430, 37.0870**, and **55.8590, 94.3490, 46.7410** is the 20% darker color. If you saturate the color by 10%, you get **84.4870, 122.3600, 62.2320**, and if you desaturate by 10%, it is **117.1090, 96.6410, 49.2570**.

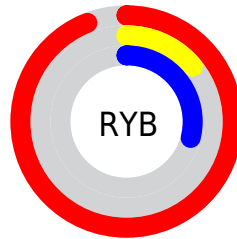
Distribution



Red (94%)

Green (14%)

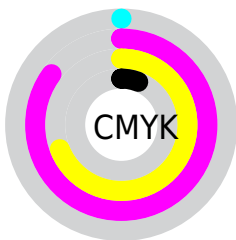
Blue (29%)



Red (94%)

Yellow (14%)

Blue (29%)

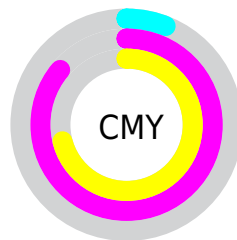


Cyan (0%)

Magenta (85%)

Yellow (69%)

Black (6%)



Cyan (6%)


Magenta (86%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.7410, 109.6610, 55.5890 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 100.7410, 109.6610, 55.5890 by changing the saturation by 10% instead.


 100.7410,
109.6610, 55.5890


 100.7410,
109.6610, 55.5890


255.0000, -0.0000,
-0.0000


 68.1200, 107.2760,
60.2680


 151.9020, 83.6220,
37.3980


 56.1580, 94.9450,
46.9530


 172.9490, 67.0720,
28.9600

 44.0820, 82.9350,
33.3270


 193.0500, 50.4300,
22.1900

 33.6020, 66.4310,
24.0550

 213.7380, 33.5130,
14.8970

 24.8600, 47.9090,
18.3170

 234.5400, 16.2750,
7.9150

 15.1780, 29.1580,
11.2220

 0.0000, 0.0000,

0.0000

■ 100.7410,
109.6610, 55.5890

■ 100.7410,
109.6610, 55.5890

■ 84.4870, 122.3600,
62.2320

■ 117.1090, 96.6410,
49.2570

■ 77.0040, 128.2740,
65.1860

■ 133.3630, 83.9420,
42.6140

■ 149.6170, 71.2430,
35.9710

■ 165.9850, 58.2230,
29.6390

■ 182.2390, 45.5240,
22.9960

■ 198.6070, 32.5040,
16.6640

214.8610, 19.8050,
10.0210

231.2290, 6.7850,
3.6890

247.4830, -5.9140,
-2.9540

Harmonies

Analogous

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



97.4320, 89.8030, 85.0910



100.7410, 109.6610, 55.5890



112.4080, 104.1230, 1.7470

Triad

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



100.7410, 109.6610, 55.5890



89.4810, -49.4130, -68.1730



110.0760, -119.8050, 7.1310

Complementary

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



100.7410, 109.6610, 55.5890



174.2590, -109.6610, -55.5890

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.



114.9540, -117.0060, -5.0540



100.7410, 109.6610, 55.5890



101.3080, -75.8260, -46.5300

Square

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



100.7410, 109.6610, 55.5890



109.7210, 20.7330, -50.8750



110.1030, -99.2130, -24.6610



116.4020, -69.9720, 34.6360

Rectangle

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



100.7410, 109.6610, 55.5890



117.2270, 79.0470, -17.3770



110.1030, -99.2130, -24.6610



113.0110, -121.1800, 4.5160

Sweetspot

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



100.7410, 109.6610, 55.5890



210.1020, 35.4840, 17.7240



107.4060, 31.9390, 98.5230



100.8720, 21.2720, 10.9680



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.



100.7410, 109.6610, 55.5890



81.8310, 136.2510, 69.2990



132.1020, 105.4050, 11.5570



111.8160, 6.5100, 3.1660



59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Inverse Universe

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



100.7410, 109.6610, 55.5890



81.8310, 136.2510, 69.2990



142.8980, -105.4050, -11.5570



111.8160, 6.5100, 3.1660



59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 100.7410, 109.6610, 55.5890 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 100.7410, 109.6610, 55.5890 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 100.7410, 109.6610, 55.5890

Background



This preview shows how black text looks on a background with the YIQ color 100.7410, 109.6610, 55.5890.



This preview shows how white text looks on a background with the YIQ color 100.7410, 109.6610,

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

100.7410, 109.6610, 55.5890

Protanopia

124.6280, 9.6750, -4.6370

Deuteranopia

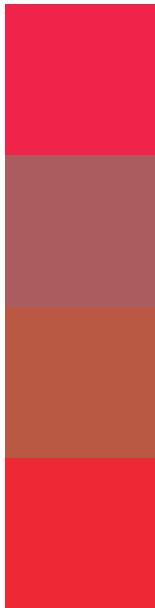
123.0810, 38.8360, -9.9960



Tritanopia

101.4900, 117.1370, 41.2410

Trichromacy



Original Color

100.7410, 109.6610, 55.5890

Protanomaly

115.8490, 46.4420, 17.3700

Deuteranomaly

114.6090, 64.5530, 14.0330

Tritanomaly

101.0970, 114.1100, 46.5420

Monochromacy



Original Color

100.7410, 109.6610, 55.5890

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.0210, 40.2060, 20.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7410, 109.6610, 55.5890 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(240, 35, 74)` looks like.

```
.text, #text, p{  
    color:rgb(240, 35, 74)  
}
```

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(240, 35, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 35, 74) }
```

Border

The CSS property to change the border of an element to YIQ 100.7410, 109.6610, 55.5890 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(240, 35, 74) }
```


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

```
.border{ border-color:rgb(240, 35, 74) }
```

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

Here you see how a box with a 4 pixel rgb(240, 35, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 35, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 35, 74);  
box-shadow:4px 4px 4px 4px rgb(240, 35,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7410, 109.6610, 55.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 35, 74) }
```

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

```
.background{ background-color: rgb(240, 35,  
74) }
```

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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