

Converting Colors

YIQ(64.2180, 103.8840, 55.6600)

Have a look what the booklet for
YIQ(64.2180, 103.8840, 55.6600)
contains.

YIQ(64.2180, 103.8840, 55.6600) 3

***Conversions** 4*

***Details** 6*

***Harmonies** 12*

***Previews** 24*

***Color Blindness Simulation** 28*

***CSS Examples** 31*

Color

**YIQ(64.2180, 103.8840,
55.6600)**

Conversions

Conversions Part 1	
Format	Color
Hex	C6002C
RGB	198, 0, 44
RGB Percent	78%, 0%, 17%
CMY	0.2230, 0.9998, 0.8271
CMYK	0.00, 1.00, 0.78, 0.22
HSL	347°, 100%, 39%
HSV	347°, 100%, 78%
XYZ	23.7787, 12.2056, 3.4950
YIQ	64.2180, 103.8840, 55.6600

Conversions

Conversions Part 2

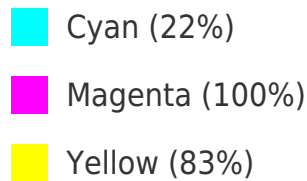
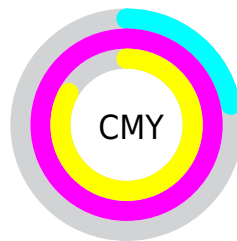
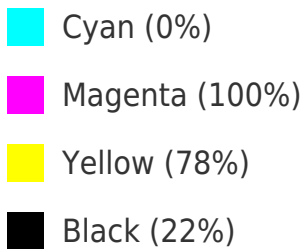
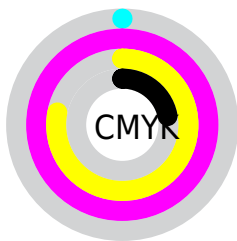
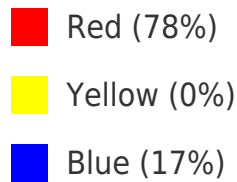
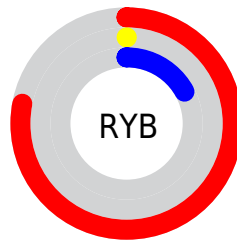
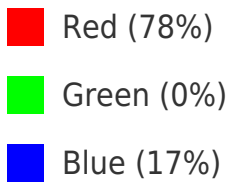
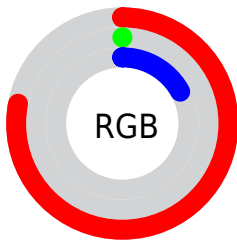
Format	Color
RYB	198, 0, 44
Decimal	12976172
CIELab	41.54, 67.03, 35.65
CIELCh	42, 75.922, 28.003
Yxy	12.2056, 0.6023, 0.3092
Android (android.graphics.Color)	4291166252 (0xFFC6002C)
YUV	64.2180, -9.9675, 117.3268
Hunter-Lab	34.9366, 60.3525, 18.5242

Details

The YIQ color **64.2180, 103.8840, 55.6600** 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 **133.7820, -103.8840, -55.6600**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.8130, 99.9900, 38.1180**, and **40.3650, 80.4600, 28.6200** is the 20% darker color. If you saturate the color by 10%, you get **64.2180, 103.8840, 55.6600**, and if you desaturate by 10%, it is **77.7820, 93.2480, 50.1760**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YIQ color 64.2180, 103.8840, 55.6600 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 64.2180, 103.8840, 55.6600 by changing the saturation by 10% instead.


 64.2180, 103.8840,
55.6600


 64.2180, 103.8840,
55.6600


255.0000, -0.0000,
-0.0000


 52.2560, 91.5530,
42.3450


 135.8130, 99.9900,
38.1180

 40.3650, 80.4600,
28.6200


 156.2730, 83.7150,
30.2030


 31.0960, 61.9840,
22.0480


 176.1460, 67.7150,
22.8110

 22.4680, 43.1410,
16.6210

 196.2470, 51.0730,
16.0410

 12.9710, 25.3070,
9.4270

 216.3480, 34.4310,
9.2710

 0.0000, 0.0000,
0.0000

 237.1500, 17.1930,

2.2890

254.4300, 1.6050,
-1.5550

64.2180, 103.8840,
55.6600


77.7820, 93.2480,
50.1760


91.2320, 82.9330,
44.3810


104.0950, 72.8930,
39.1090


117.6590, 62.2570,
33.6250

131.1090, 51.9420,
27.8300

 144.6730, 41.3060,
22.3460

 158.1230, 30.9910,
16.5510

 171.5730, 20.6760,
10.7560

 184.5500, 10.3150,
5.7950

Harmonies

Analogous

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



71.7700, 85.4950, 75.0550



64.2180, 103.8840, 55.6600



88.9850, 83.4450, 2.0450

Triad

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



64.2180, 103.8840, 55.6600



72.1330, -39.1450, -56.0170



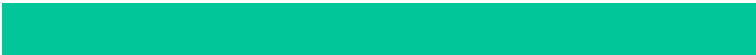
89.0460, -101.9250, 13.4910

Complementary

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



64.2180, 103.8840, 55.6600



133.7820, -103.8840, -55.6600

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.



93.8100, -98.8050, 0.9950



64.2180, 103.8840, 55.6600



82.6890, -63.3570, -35.7170

Square

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



64.2180, 103.8840, 55.6600



83.3960, 5.8310, -45.1210



89.9850, -83.9010, -15.8130



93.8900, -47.9190, 36.9530

Rectangle

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



64.2180, 103.8840, 55.6600



92.6410, 60.3860, -15.0860



89.9850, -83.9010, -15.8130



91.6390, -102.3370, 9.9430

Sweetspot

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



64.2180, 103.8840, 55.6600



203.6620, 39.8390, 21.3990



68.0200, 27.0340, 93.8020



96.8940, 24.2060, 12.8620



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.



64.2180, 103.8840, 55.6600



82.7430, 133.6830, 71.7870



90.3130, 103.4330, 14.2570



92.9190, 4.7220, 2.5300



52.8410, 85.5920, 45.7520



11.6760, 18.8880, 10.1200

Inverse Universe

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



64.2180, 103.8840, 55.6600



82.7430, 133.6830, 71.7870



107.6870, -103.4330, -14.2570



92.9190, 4.7220, 2.5300



52.8410, 85.5920, 45.7520



11.6760, 18.8880, 10.1200

Previews

White Background



This preview shows how the YIQ color 64.2180, 103.8840, 55.6600 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 64.2180, 103.8840, 55.6600 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 64.2180, 103.8840, 55.6600

Background



This preview shows how black text looks on a background with the YIQ color 64.2180, 103.8840, 55.6600.



This preview shows how white text looks on a background with the YIQ color 64.2180, 103.8840,

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

64.2180, 103.8840, 55.6600

Protanopia

98.9290, 15.9570, -8.3550

Deuteranopia


96.9730, 39.0200, -13.3320



Tritanopia

71.2670, 110.2150, 34.5270

Trichromacy

	Original Color 64.2180, 103.8840, 55.6600
	Protanomaly 86.4530, 47.4970, 14.7690
	Deuteranomaly 84.7720, 62.5360, 12.0400
	Tritanomaly 68.6400, 107.9670, 42.2310

Monochromacy

	Original Color 64.2180, 103.8840, 55.6600
	Achromatopsia 64.0000, -0.0000, -0.0000
	Achromatomaly 64.3520, 37.7760, 20.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.2180, 103.8840, 55.6600 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(198, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 44)  
}
```

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(198, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 44) }
```

Border

The CSS property to change the border of an element to YIQ 64.2180, 103.8840, 55.6600 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(198, 0, 44) }
```


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

```
.border{ border-color:rgb(198, 0, 44) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 44);  
box-shadow:4px 4px 4px 4px rgb(198, 0, 44)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.2180, 103.8840, 55.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 44) }
```

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

```
.background{ background-color: rgb(198, 0,  
44) }
```

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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