

Converting Colors

YIQ(55.0160, 109.6640, 39.0080)

Have a look what the booklet for
YIQ(55.0160, 109.6640, 39.0080)
contains.

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Color

**YIQ(55.0160, 109.6640,
39.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	B80000
RGB	184, 0, 0
RGB Percent	72%, 0%, 0%
CMY	0.2780, 0.9999, 0.9996
CMYK	0.00, 1.00, 1.00, 0.28
HSL	360°, 100%, 36%
HSV	360°, 100%, 72%
XYZ	19.7945, 10.2044, 0.9295
YIQ	55.0160, 109.6640, 39.0080

Conversions

Conversions Part 2

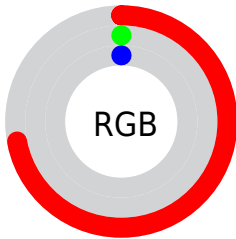
Format	Color
R_{YB}	184, 0, 0
Decimal	12058624
CIE Lab	38.21, 62.72, 52.58
CIE LCh	38, 81.845, 39.972
Yxy	10.2044, 0.6400, 0.3299
Android (android.graphics.Color)	4290248704 (0xFFB80000)
YUV	55.0160, -27.1229, 113.1190
Hunter-Lab	31.9443, 54.7064, 20.6357

Details

The YIQ color **55.0160, 109.6640, 39.0080** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **128.9840, -109.6640, -39.0080**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1110, 110.3540, 26.4980**, and **35.8800, 71.5200, 25.4400** is the 20% darker color. If you saturate the color by 10%, you get **55.0160, 109.6640, 39.0080**, and if you desaturate by 10%, it is **67.7480, 98.6150, 35.5030**.

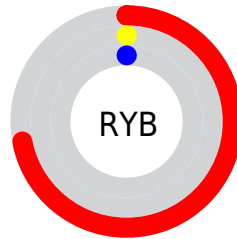
Distribution



Red (72%)

Green (0%)

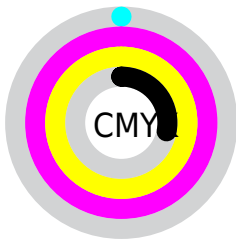
Blue (0%)



Red (72%)

Yellow (0%)

Blue (0%)

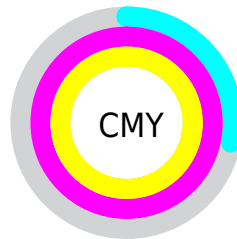


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 55.0160, 109.6640, 39.0080 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 55.0160, 109.6640, 39.0080 by changing the saturation by 10% instead.


 55.0160, 109.6640,
39.0080


 55.0160, 109.6640,
39.0080


 252.7200, 6.4200,
-6.2200


 45.4480, 90.5920,
32.2240


 127.1110,
110.3540, 26.4980


 35.8800, 71.5200,
25.4400


 148.6640, 98.2510,
20.0670


 26.6110, 53.0440,
18.8680

 168.5370, 82.2510,
12.6750

 18.5810, 35.3930,
13.8650

 187.9370, 66.2050,
6.1170

 7.2900, 13.9830,
5.3990


 207.9240, 49.8840,
-0.9640


 0.0000, 0.0000,
0.0000


 228.6120, 32.9670,


-8.2570

 248.8270, 16.0040,
-14.7160


 55.0160, 109.6640,
39.0080

 67.7480, 98.6150,
35.5030

 80.9530, 87.6120,
31.1640

 93.5710, 76.8840,
27.3480

 106.8900, 65.5600,
23.3200

 119.5080, 54.8320,
19.5040

■ 132.8270, 43.5080,
15.4760

■ 145.4450, 32.7800,
11.6600

■ 158.0630, 22.0520,
7.8440

■ 171.3820, 10.7280,
3.8160

Harmonies

Analogous

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



67.7090, 95.4920, 64.5800



55.0160, 109.6640, 39.0080



83.8580, 67.4450, -5.3470

Triad

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



55.0160, 109.6640, 39.0080



70.8910, -43.9150, -46.6590



80.1270, -97.4790, 21.0250

Complementary

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



55.0160, 109.6640, 39.0080



128.9840, -109.6640, -39.0080

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.



89.3080, -99.9070, 9.9570



55.0160, 109.6640, 39.0080



80.1590, -67.2560, -25.6240

Square

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



55.0160, 109.6640, 39.0080



62.8090, -29.4250, -55.9610



87.4550, -87.8000, -5.7200



88.4760, -10.9220, 54.7900

Rectangle

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



55.0160, 109.6640, 39.0080



84.8450, 41.9560, -22.4920



87.4550, -87.8000, -5.7200



84.4640, -100.0460, 17.9860

Sweetspot

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



55.0160, 109.6640, 39.0080



189.5280, 42.9120, 15.2640



75.0950, 48.8120, 95.5960



89.8570, 25.6280, 9.1160



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.0160, 109.6640, 39.0080



71.7600, 143.0400, 50.8800



107.2590, 85.1890, -7.5390



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Inverse Universe

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



55.0160, 109.6640, 39.0080



71.7600, 143.0400, 50.8800



76.7410, -85.1890, 7.5390



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 55.0160, 109.6640, 39.0080 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 55.0160, 109.6640, 39.0080

Background



This preview shows how black text looks on a background with the YIQ color 55.0160, 109.6640, 39.0080.



This preview shows how white text looks on a background with the YIQ color 55.0160, 109.6640,

39.0080.

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

55.0160, 109.6640, 39.0080

Protanopia

88.4230, 28.7050, -19.1270

Tritanopia

64.6960, 104.3930, 29.9050

Trichromacy



Original Color

55.0160, 109.6640, 39.0080

Protanomaly

76.1100, 58.2280, 2.0040

Tritanomaly

61.1740, 106.0430, 33.0430

Monochromacy



Original Color

55.0160, 109.6640, 39.0080

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0330, 39.9320, 14.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.0160, 109.6640, 39.0080 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(184, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 0)  
}
```

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(184, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 0) }
```

Border

The CSS property to change the border of an element to YIQ 55.0160, 109.6640, 39.0080 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(184, 0, 0) }
```

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

```
.border{ border-color:rgb(184, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(184, 0, 0); box-shadow:4px  
4px 4px 4px rgb(184, 0, 0) }
```


Background

The CSS property to change the background color of an element to YIQ 55.0160, 109.6640, 39.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 0) }
```

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

```
.background{ background-color: rgb(184, 0,  
0) }
```

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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