

Converting Colors

YIQ(63.4780, 100.2160, 56.0560)

Have a look what the booklet for
YIQ(63.4780, 100.2160, 56.0560)
contains.

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Color

**YIQ(63.4780, 100.2160,
56.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	C20030
RGB	194, 0, 48
RGB Percent	76%, 0%, 19%
CMY	0.2387, 0.9999, 0.8114
CMYK	0.00, 1.00, 0.75, 0.24
HSL	345°, 100%, 38%
HSV	345°, 100%, 76%
XYZ	22.8157, 11.7001, 3.8621
YIQ	63.4780, 100.2160, 56.0560

Conversions

Conversions Part 2

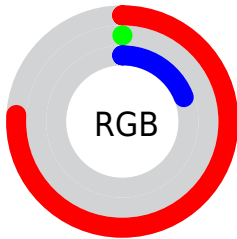
Format	Color
RYB	194, 0, 48
Decimal	12714032
CIELab	40.74, 66.19, 32.11
CIELCh	41, 73.570, 25.875
Yxy	11.7001, 0.5945, 0.3049
Android (android.graphics.Color)	4290904112 (0xFFC20030)
YUV	63.4780, -7.6307, 114.4678
Hunter-Lab	34.2054, 59.2039, 17.2494

Details

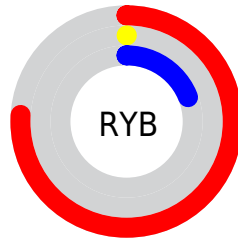
The YIQ color **63.4780, 100.2160, 56.0560** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **130.5220, -100.2160, -56.0560**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.2690, 98.7060, 39.3620**, and **39.5110, 77.1130, 28.7050** is the 20% darker color. If you saturate the color by 10%, you get **63.4780, 100.2160, 56.0560**, and if you desaturate by 10%, it is **76.3410, 90.1760, 50.7840**.

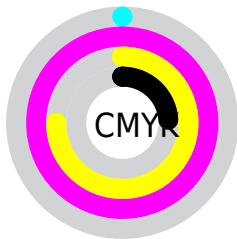
Distribution



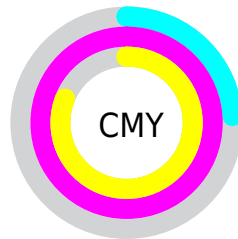
- Red (76%)
- Green (0%)
- Blue (19%)



- Red (76%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.4780, 100.2160, 56.0560 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 63.4780, 100.2160, 56.0560 by changing the saturation by 10% instead.


 63.4780, 100.2160,
56.0560


 63.4780, 100.2160,
56.0560


255.0000, -0.0000,
-0.0000


 51.8150, 88.4810,
42.9530


 136.2690, 98.7060,
39.3620


 39.8100, 77.7090,
28.9170


 156.1420, 82.7060,
31.9700


 29.9000, 59.6000,
21.2000

 176.0150, 66.7060,
24.5780

 21.8700, 41.9490,
16.1970

 196.1160, 50.0640,
17.8080

 12.0740, 23.5190,
8.7910

 216.2170, 33.4220,
11.0380

 0.0000, 0.0000,
0.0000

 237.0190, 16.1840,

4.0560

■ 63.4780, 100.2160,
56.0560

■ 76.3410, 90.1760,
50.7840

■ 89.6770, 80.1820,
44.6780

■ 102.5400, 70.1420,
39.4060

■ 115.9900, 59.8270,
33.6110

■ 128.7390, 50.1080,
28.0280

■ 142.1890, 39.7930,
22.2330

■ 154.9380, 30.0740,
16.6500

■ 167.8010, 20.0340,
11.3780

■ 181.2510, 9.7190,
5.5830

Harmonies

Analogous

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



70.2040, 81.2770, 74.4050



63.4780, 100.2160, 56.0560



86.6260, 83.0780, 3.1900

Triad

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



63.4780, 100.2160, 56.0560



69.8020, -36.7150, -56.0030



87.6610, -99.4030, 11.8370

Complementary

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



63.4780, 100.2160, 56.0560



130.5220, -100.2160, -56.0560

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.



91.6100, -95.3660, -0.7580



63.4780, 100.2160, 56.0560



80.2440, -60.6060, -36.0140

Square

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



63.4780, 100.2160, 56.0560



83.1300, 9.6360, -42.4920



87.8990, -80.7830, -17.2550



90.1340, -54.6580, 32.4300

Rectangle

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



63.4780, 100.2160, 56.0560



90.8800, 61.2110, -13.5170



87.8990, -80.7830, -17.2550



90.2540, -99.8150, 8.2890

Sweetspot

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



63.4780, 100.2160, 56.0560



201.4770, 38.9220, 21.4980



65.7700, 24.7420, 91.2860



97.0080, 23.8850, 13.1730



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.



63.4780, 100.2160, 56.0560



82.5300, 129.9690, 73.0170



86.7690, 102.1490, 15.5010



90.3320, 4.9970, 3.0530



52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Inverse Universe

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



63.4780, 100.2160, 56.0560



82.5300, 129.9690, 73.0170



107.8180, -102.4240, -16.0240



90.3320, 4.9970, 3.0530



52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 63.4780, 100.2160, 56.0560 looks on a white background.

Color Contrast Check

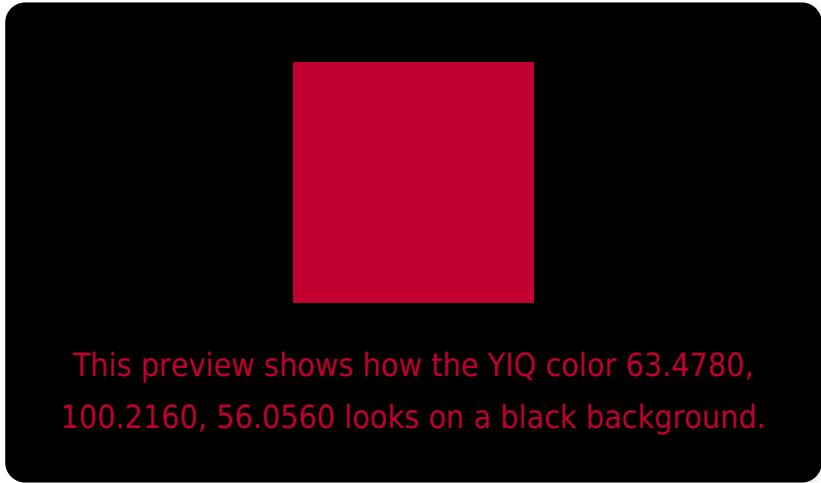
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.4780, 100.2160, 56.0560

Background



This preview shows how black text looks on a background with the YIQ color 63.4780, 100.2160, 56.0560.



This preview shows how white text looks on a background with the YIQ color 63.4780, 100.2160,

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

63.4780, 100.2160, 56.0560

Protanopia

97.5420, 12.7930, -6.0790

Deuteranopia

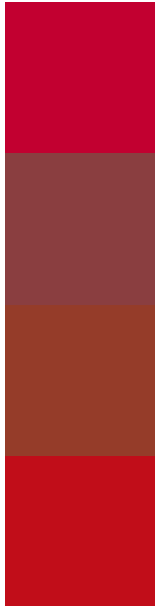
96.1730, 35.5810, -11.5790



Tritanopia

70.8150, 105.6760, 34.1880

Trichromacy



Original Color

63.4780, 100.2160, 56.0560

Protanomaly

84.9520, 44.6540, 16.7340

Deuteranomaly

84.4450, 59.1430, 12.9590

Tritanomaly

68.1880, 103.4280, 41.8920

Monochromacy



Original Color

63.4780, 100.2160, 56.0560

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.8680, 36.2630, 20.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.4780, 100.2160, 56.0560 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(194, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 48)  
}
```

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(194, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 48) }
```

Border

The CSS property to change the border of an element to YIQ 63.4780, 100.2160, 56.0560 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(194, 0, 48) }
```


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

```
.border{ border-color:rgb(194, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(194, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.4780, 100.2160, 56.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 48) }
```

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

```
.background{ background-color: rgb(194, 0,  
48) }
```

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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