

Converting Colors

YIQ(95.5070, 100.1310, 19.0350)

Have a look what the booklet for
YIQ(95.5070, 100.1310, 19.0350)
contains.

YIQ(95.5070, 100.1310, 19.0350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(95.5070, 100.1310,
19.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3811
RGB	203, 56, 17
RGB Percent	80%, 22%, 7%
CMY	0.2036, 0.7806, 0.9329
CMYK	0.00, 0.72, 0.92, 0.20
HSL	13°, 84%, 43%
HSV	13°, 92%, 80%
XYZ	26.1644, 15.5713, 2.1613
YIQ	95.5070, 100.1310, 19.0350

Conversions

Conversions Part 2

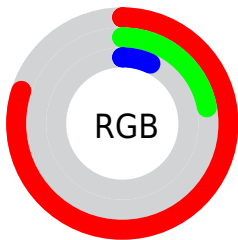
Format	Color
R_{YB}	203, 66, 17
Decimal	13318161
CIE Lab	46.41, 56.26, 53.45
CIE LCh	46, 77.601, 43.530
Yxy	15.5713, 0.5960, 0.3547
Android (android.graphics.Color)	4291508241 (0xFFCB3811)
YUV	95.5070, -38.7040, 94.2714
Hunter-Lab	39.4605, 49.2991, 24.3749

Details

The YIQ color **95.5070, 100.1310, 19.0350** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **124.4930, -100.1310, -19.0350**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6270, 99.6730, 16.3210**, and **41.8600, 83.4400, 29.6800** is the 20% darker color. If you saturate the color by 10%, you get **85.3510, 109.4380, 21.0700**, and if you desaturate by 10%, it is **107.1790, 89.3110, 16.8870**.

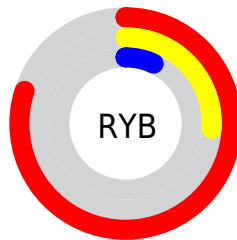
Distribution



Red (80%)

Green (22%)

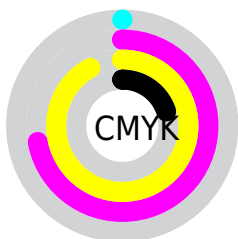
Blue (7%)



Red (80%)

Yellow (26%)

Blue (7%)

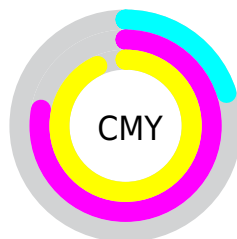


Cyan (0%)

Magenta (72%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.5070, 100.1310, 19.0350 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 95.5070, 100.1310, 19.0350 by changing the saturation by 10% instead.

■ 95.5070, 100.1310,
19.0350

■ 95.5070, 100.1310,
19.0350

255.0000, -0.0000,
-0.0000

■ 63.4560, 96.1410,
25.2690

■ 149.6270, 99.6730,
16.3210

■ 41.8600, 83.4400,
29.6800

■ 168.9130, 83.9480,
9.4520

■ 32.5910, 64.9640,
23.1080

■ 188.3130, 67.9020,
2.8940

■ 23.3220, 46.4880,
16.5360

■ 208.3000, 51.5810,
-4.1870

■ 15.4770, 29.7540,
11.4340

■ 228.4010, 34.9390,
-10.9570

■ 0.0000, 0.0000,
0.0000

■ 248.6160, 17.9760,

-17.4160

■ 251.8080, 8.9880,
-8.7080

■ 95.5070, 100.1310,
19.0350

■ 95.5070, 100.1310,
19.0350

■ 85.3510, 109.4380,
21.0700

■ 107.1790, 89.3110,
16.8870

■ 118.9650, 78.1700,
15.0500

■ 130.6370, 67.3500,
12.9020

■ 142.3090, 56.5300,
10.7540

■ 154.0950, 45.3890,
8.9170

■ 165.7670, 34.5690,
6.7690

■ 177.4390, 23.7490,
4.6210

■ 189.2250, 12.6080,
2.7840

■ 201.4840, 1.5130,
0.1130

Harmonies

Analogous

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



75.3560, 104.1560, 72.7640



95.5070, 100.1310, 19.0350



103.9150, 71.2980, -14.6060

Triad

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



95.5070, 100.1310, 19.0350



87.2250, -59.5950, -48.8350



91.2290, -106.6940, 17.3220

Complementary

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



95.5070, 100.1310, 19.0350



124.4930, -100.1310, -19.0350

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.



102.0400, -110.9560, 6.4520



95.5070, 100.1310, 19.0350



96.2650, -82.2940, -28.4220

Square

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



95.5070, 100.1310, 19.0350



75.7230, -35.4750, -67.4670



102.5180, -101.2790, -9.2390



111.1630, 0.2650, 55.7930

Rectangle

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



95.5070, 100.1310, 19.0350



102.8420, 46.0380, -30.3940



102.5180, -101.2790, -9.2390



96.2670, -109.8570, 14.0710

Sweetspot

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



95.5070, 100.1310, 19.0350



215.4360, 36.9990, 6.7830



89.6000, 63.0270, 85.7710



103.9550, 22.2360, 4.5080



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.



95.5070, 100.1310, 19.0350



107.3560, 137.4050, 26.3410



148.9240, 75.1060, -28.5580



96.1640, 5.4100, 1.0740



70.1790, 89.3110, 16.8870



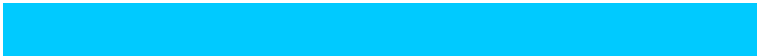
16.0580, 20.4480, 3.8720

Inverse Universe

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



124.4930, -100.1310, -19.0350



147.6440, -137.4050, -26.3410



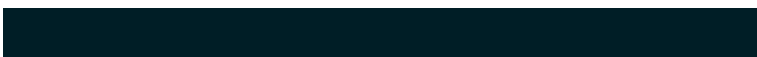
71.0760, -75.1060, 28.5580



97.8360, -5.4100, -1.0740



95.8210, -89.3110, -16.8870



21.9420, -20.4480, -3.8720

Previews

White Background



This preview shows how the YIQ color 95.5070, 100.1310, 19.0350 looks on a white background.

Color Contrast Check

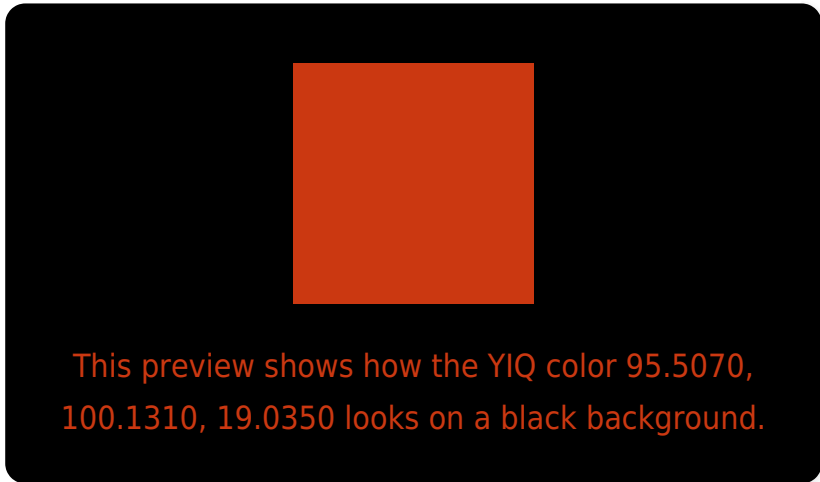
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.5070, 100.1310, 19.0350

Background



This preview shows how black text looks on a background with the YIQ color 95.5070, 100.1310, 19.0350.



This preview shows how white text looks on a background with the YIQ color 95.5070, 100.1310,

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

95.5070, 100.1310, 19.0350

Protanopia

105.7670, 33.4280, -22.1240

Deuteranopia

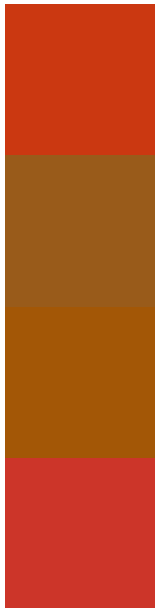
103.4950, 54.5650, -25.2350



Tritanopia

97.6760, 89.9500, 32.8460

Trichromacy



Original Color

95.5070, 100.1310, 19.0350

Protanomaly

102.1280, 57.8170, -7.0710

Deuteranomaly

100.4900, 71.2970, -9.0790

Tritanomaly

96.7810, 93.8480, 28.2800

Monochromacy



Original Color

95.5070, 100.1310, 19.0350

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.5500, 36.6780, 7.0940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5070, 100.1310, 19.0350 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(203, 56, 17)` looks like.

```
.text, #text, p{  
    color:rgb(203, 56, 17)  
}
```

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(203, 56, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 56, 17) }
```

Border

The CSS property to change the border of an element to YIQ 95.5070, 100.1310, 19.0350 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(203, 56, 17) }
```


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

```
.border{ border-color:rgb(203, 56, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 56, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 56, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 56, 17);  
box-shadow:4px 4px 4px 4px rgb(203, 56,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5070, 100.1310, 19.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 56, 17) }
```

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

```
.background{ background-color: rgb(203, 56,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor