

Converting Colors

YIQ(108.0240, 53.3190, 19.3910)

Have a look what the booklet for
YIQ(108.0240, 53.3190, 19.3910)
contains.

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Color

**YIQ(108.0240, 53.3190,
19.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5152
RGB	171, 81, 82
RGB Percent	67%, 32%, 32%
CMY	0.3292, 0.6825, 0.6782
CMYK	0.00, 0.53, 0.52, 0.33
HSL	359°, 36%, 49%
HSV	359°, 53%, 67%
XYZ	21.2712, 15.1533, 9.7971
YIQ	108.0240, 53.3190, 19.3910

Conversions

Conversions Part 2

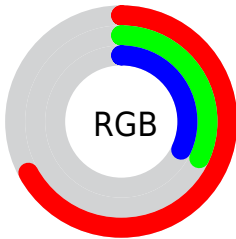
Format	Color
R_{YB}	171, 81, 82
Decimal	11227474
CIE _{Lab}	45.84, 37.00, 17.01
CIE _{LCh}	46, 40.721, 24.684
Yxy	15.1533, 0.4602, 0.3278
Android (android.graphics.Color)	4289417554 (0xFFAB5152)
YUV	108.0240, -12.8298, 55.2300
Hunter-Lab	38.9273, 29.4157, 12.3271

Details

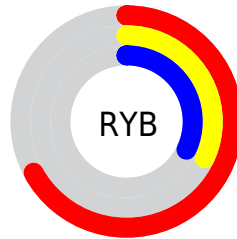
The YIQ color **108.0240, 53.3190, 19.3910** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **143.9760, -53.3190, -19.3910**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7750, 58.4540, 19.9420**, and **56.5010, 47.5420, 19.4620** is the 20% darker color. If you saturate the color by 10%, you get **96.1070, 63.4510, 22.9950**, and if you desaturate by 10%, it is **119.9410, 43.1870, 15.7870**.

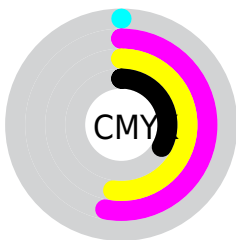
Distribution



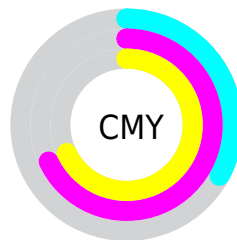
- Red (67%)
- Green (32%)
- Blue (32%)



- Red (67%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (52%)
- Black (33%)



- Cyan (33%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.0240, 53.3190, 19.3910 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 108.0240, 53.3190, 19.3910 by changing the saturation by 10% instead.

■ 108.0240, 53.3190,
19.3910

■ 108.0240, 53.3190,
19.3910

■ 255.0000, -0.0000,
-0.0000

■ 82.0560, 50.2930,
19.1650

■ 161.7750, 58.4540,
19.9420

■ 55.9140, 47.8170,
19.9850

■ 188.0630, 57.5830,
19.2070

■ 27.9510, 46.3950,
23.7310

■ 206.9900, 41.4910,
13.4830

■ 17.9400, 35.7600,
12.7200

■ 226.6180, 24.8030,
7.5470

■ 9.9810, 19.3470,
7.3070

■ 246.8330, 7.8400,
1.0880

■ 0.0000, 0.0000,
0.0000

108.0240, 53.3190,
19.3910

108.0240, 53.3190,
19.3910

96.1070, 63.4510,
22.9950

119.9410, 43.1870,
15.7870

84.1900, 73.5830,
26.5990

131.8580, 33.0550,
12.1830

72.2730, 83.7150,
30.2030

143.7750, 22.9230,
8.5790

60.3560, 93.8470,
33.8070

155.6920, 12.7910,
4.9750

51.3570, 101.2740,
36.8740


167.6090, 2.6590,
1.3710

179.9990, -7.4270,
-3.0670

191.9160,
-17.5590, -6.6710

203.8330,

-27.6910, -10.2750

 215.7500,
-37.8230, -13.8790

Harmonies

Analogous

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



109.8290, 41.1670, 30.3750



108.0240, 53.3190, 19.3910



107.4020, 51.5340, 2.1740

Triad

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



108.0240, 53.3190, 19.3910



96.4090, -21.4060, -30.5740



86.9820, -87.8460, -4.8860

Complementary

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



108.0240, 53.3190, 19.3910



143.9760, -53.3190, -19.3910

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.



90.1960, -85.8730, -13.1130



108.0240, 53.3190, 19.3910



84.8890, -66.7960, -33.9640

Square

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



108.0240, 53.3190, 19.3910



102.3070, 14.1720, -25.5720



88.8790, -78.0310, -23.0790



109.2680, -23.3410, 21.0350

Rectangle

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



108.0240, 53.3190, 19.3910



106.4190, 43.6960, -9.9680



88.8790, -78.0310, -23.0790



88.5150, -88.0290, -7.0770

Sweetspot

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



108.0240, 53.3190, 19.3910



196.8780, 21.1350, 7.9430



117.8710, 24.1540, 46.8580



97.2790, 12.5160, 4.4520



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



108.0240, 53.3190, 19.3910



124.0880, 82.7980, 30.3020



133.7380, 41.5400, -3.9320



80.6910, 5.3640, 1.9080



45.0780, 88.7580, 32.4220



6.8770, 13.7080, 4.8760

Inverse Universe

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



108.0240, 53.3190, 19.3910



124.0880, 82.7980, 30.3020



118.8490, -41.8150, 3.4090



80.6910, 5.3640, 1.9080



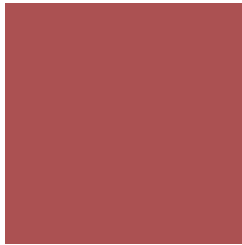
45.0780, 88.7580, 32.4220



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 108.0240, 53.3190, 19.3910 looks on a white background.

Color Contrast Check

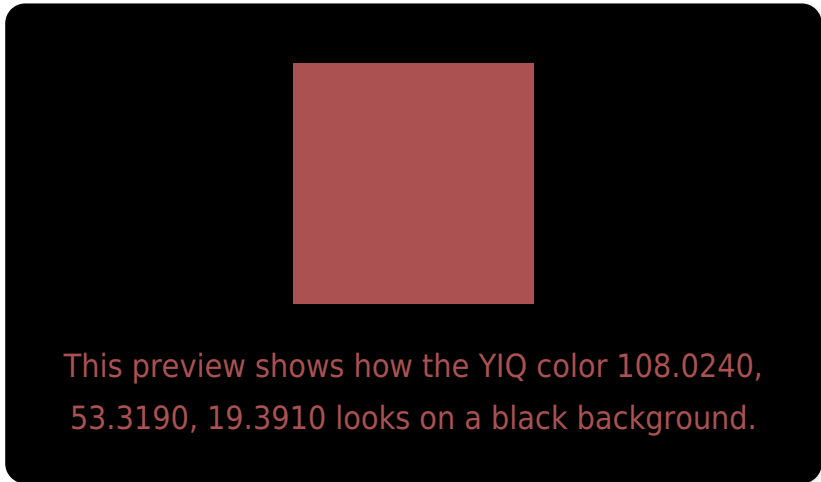
Large Text (above 18pt) WCAG AA ✓ Pass

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

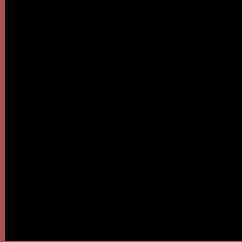
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.0240, 53.3190, 19.3910

Background



This preview shows how black text looks on a background with the YIQ color 108.0240, 53.3190, 19.3910.



This preview shows how white text looks on a background with the YIQ color 108.0240, 53.3190,

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

108.0240, 53.3190, 19.3910

Protanopia

108.8990, 7.4740, -3.2940

Deuteranopia

109.3970, 23.5670, -3.0970



Tritanopia

107.8930, 52.3100, 21.1580

Trichromacy



Original Color

108.0240, 53.3190, 19.3910

Protanomaly

108.7380, 24.3450, 4.8330

Deuteranomaly

108.7130, 34.6610, 5.1010

Tritanomaly

107.7790, 52.6310, 20.8470

Monochromacy



Original Color

108.0240, 53.3190, 19.3910

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9810, 19.3470, 7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.0240, 53.3190, 19.3910 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(171, 81, 82)` looks like.

```
.text, #text, p{  
    color:rgb(171, 81, 82)  
}
```

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(171, 81, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 81, 82) }
```

Border

The CSS property to change the border of an element to YIQ 108.0240, 53.3190, 19.3910 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(171, 81, 82) }
```


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

```
.border{ border-color:rgb(171, 81, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 81, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 81, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 81, 82);  
box-shadow:4px 4px 4px 4px rgb(171, 81,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 108.0240, 53.3190, 19.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 81, 82) }
```

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

```
.background{ background-color: rgb(171, 81,  
82) }
```

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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