

Converting Colors

YIQ(108.6250, 67.6240, 18.9520)

Have a look what the booklet for
YIQ(108.6250, 67.6240, 18.9520)
contains.

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Color

**YIQ(108.6250, 67.6240,
18.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	B94E42
RGB	185, 78, 66
RGB Percent	73%, 31%, 26%
CMY	0.2743, 0.6943, 0.7409
CMYK	0.00, 0.58, 0.64, 0.27
HSL	6°, 47%, 49%
HSV	6°, 64%, 73%
XYZ	23.7294, 16.1587, 7.0335
YIQ	108.6250, 67.6240, 18.9520

Conversions

Conversions Part 2

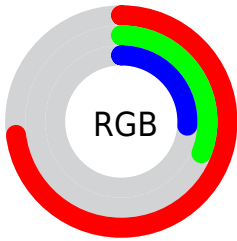
Format	Color
RYB	185, 79, 66
Decimal	12144194
CIELab	47.18, 42.50, 28.69
CIElCh	47, 51.276, 34.018
Yxy	16.1587, 0.5057, 0.3444
Android (android.graphics.Color)	4290334274 (0xFFB94E42)
YUV	108.6250, -21.0141, 66.9809
Hunter-Lab	40.1979, 35.0251, 17.7645

Details

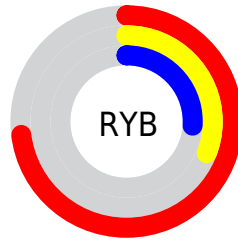
The YIQ color **108.6250, 67.6240, 18.9520** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **142.3750, -67.6240, -18.9520**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4470, 73.9970, 19.0930**, and **54.2700, 61.4340, 21.0020** is the 20% darker color. If you saturate the color by 10%, you get **96.5940, 78.0770, 22.2450**, and if you desaturate by 10%, it is **120.7700, 56.8500, 15.9700**.

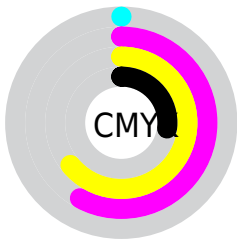
Distribution



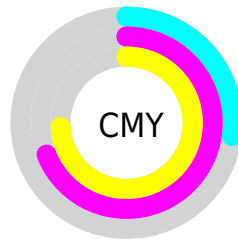
- Red (73%)
- Green (31%)
- Blue (26%)



- Red (73%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (64%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.6250, 67.6240, 18.9520 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 108.6250, 67.6240, 18.9520 by changing the saturation by 10% instead.

■ 108.6250, 67.6240,
18.9520

■ 108.6250, 67.6240,
18.9520

■ 255.0000, -0.0000,
-0.0000

■ 81.8850, 63.9560,
19.3480

■ 162.8600, 74.2720,
19.6160

■ 54.3840, 61.1130,
21.3130

■ 184.9510, 63.5900,
14.9660

■ 29.3020, 58.4080,
20.7760

■ 203.7640, 47.8190,
8.9310

■ 20.6310, 41.1240,
14.6280

■ 223.9790, 30.8560,
2.4720

■ 12.9710, 25.3070,
9.4270

■ 243.6070, 14.1680,
-3.4640

■ 0.0000, 0.0000,
0.0000

■ 254.4300, 1.6050,

-1.5550

■ 108.6250, 67.6240,
18.9520

■ 108.6250, 67.6240,
18.9520

■ 96.5940, 78.0770,
22.2450

■ 120.7700, 56.8500,
15.9700

■ 85.0360, 88.5760,
24.7040

■ 132.2140, 46.6720,
13.2000

■ 73.0050, 99.0290,
27.9970

■ 144.3590, 35.8980,
10.2180

■ 65.8810, 105.3100,
29.8060

■ 156.3900, 25.4450,
6.9250

■ 167.9480, 14.9460,
4.4660

■ 179.9790, 4.4930,
1.1730

■ 192.1240, -6.2810,
-1.8090

■ 203.5680,
-16.4590, -4.5790

■ 215.7130,
-27.2330, -7.5610

Harmonies

Analogous

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



109.3260, 59.0010, 37.5690



108.6250, 67.6240, 18.9520



108.6230, 60.7970, -6.0110

Triad

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



108.6250, 67.6240, 18.9520



84.5180, -58.8620, -45.5980



90.0770, -95.1830, 1.4330

Complementary

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



108.6250, 67.6240, 18.9520



142.3750, -67.6240, -18.9520

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.



95.5080, -95.3190, -7.1190



108.6250, 67.6240, 18.9520



90.8220, -73.8570, -32.6490

Square

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



108.6250, 67.6240, 18.9520



101.0790, 5.6460, -36.2580



95.0230, -87.0640, -19.0640



114.3820, -14.4940, 31.4100

Rectangle

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



108.6250, 67.6240, 18.9520



106.4500, 50.4380, -22.0260



95.0230, -87.0640, -19.0640



92.4250, -96.2830, -0.6590

Sweetspot

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



108.6250, 67.6240, 18.9520



210.6890, 26.0410, 7.1370



114.0070, 35.9350, 59.1270



102.1330, 15.8630, 4.3670



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.



108.6250, 67.6240, 18.9520



121.4680, 105.0350, 29.2830



142.0840, 51.9490, -10.8590



86.2780, 5.0890, 1.3850



56.0360, 88.5760, 24.7040



10.1330, 15.8630, 4.3670

Inverse Universe

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



142.3750, -67.6240, -18.9520



173.5320, -105.0350, -29.2830



108.9160, -51.9490, 10.8590



88.7220, -5.0890, -1.3850



99.9640, -88.5760, -24.7040



17.8670, -15.8630, -4.3670

Previews

White Background



This preview shows how the YIQ color 108.6250, 67.6240, 18.9520 looks on a white background.

Color Contrast Check

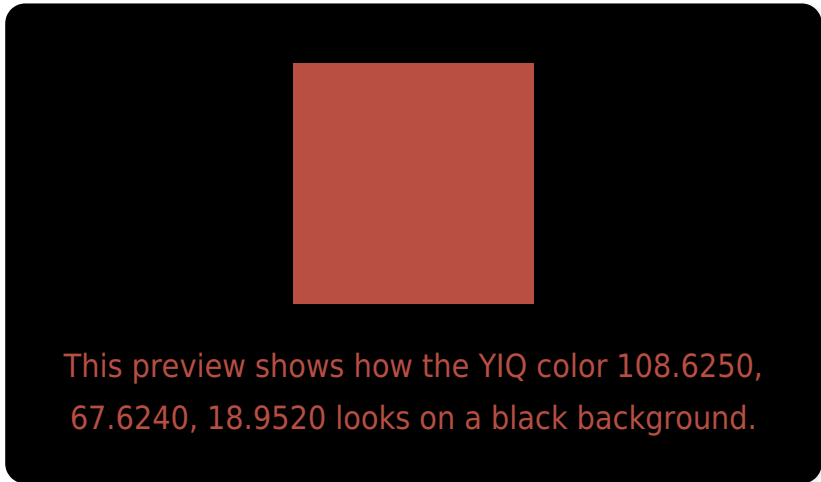
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.6250, 67.6240, 18.9520

Background



This preview shows how black text looks on a background with the YIQ color 108.6250, 67.6240, 18.9520.



This preview shows how white text looks on a background with the YIQ color 108.6250, 67.6240,

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

108.6250, 67.6240, 18.9520

Protanopia

110.9290, 15.9570, -8.3550

Deuteranopia

111.0250, 33.2420, -7.7340



Tritanopia

109.4600, 63.9550, 24.8750

Trichromacy



Original Color

108.6250, 67.6240, 18.9520

Protanomaly

110.1920, 34.5700, 1.2420

Deuteranomaly

109.8790, 45.7570, 2.2450

Tritanomaly

109.4770, 65.2850, 22.7970

Monochromacy



Original Color

108.6250, 67.6240, 18.9520

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.0910, 24.8490, 6.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.6250, 67.6240, 18.9520 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(185, 78, 66)` looks like.

```
.text, #text, p{  
    color:rgb(185, 78, 66)  
}
```

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(185, 78, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 78, 66) }
```

Border

The CSS property to change the border of an element to YIQ 108.6250, 67.6240, 18.9520 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(185, 78, 66) }
```


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

```
.border{ border-color:rgb(185, 78, 66) }
```

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

Here you see how a box with a 4 pixel rgb(185, 78, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 78, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 78, 66);  
box-shadow:4px 4px 4px 4px rgb(185, 78,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 108.6250, 67.6240, 18.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 78, 66) }
```

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

```
.background{ background-color: rgb(185, 78,  
66) }
```

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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