

Converting Colors

YIQ(109.3310, 68.6320, 22.7120)

Have a look what the booklet for
YIQ(109.3310, 68.6320, 22.7120)
contains.

YIQ(109.3310, 68.6320, 22.7120)	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(109.3310, 68.6320,
22.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4C48
RGB	189, 76, 72
RGB Percent	74%, 30%, 28%
CMY	0.2586, 0.7021, 0.7174
CMYK	0.00, 0.60, 0.62, 0.26
HSL	2°, 47%, 51%
HSV	2°, 62%, 74%
XYZ	24.7563, 16.4586, 8.0149
YIQ	109.3310, 68.6320, 22.7120

Conversions

Conversions Part 2

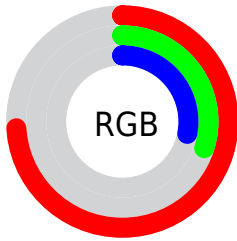
Format	Color
RYB	189, 76, 72
Decimal	12405832
CIELab	47.57, 45.30, 25.79
CIELCh	48, 52.128, 29.647
Yxy	16.4586, 0.5029, 0.3343
Android (android.graphics.Color)	4290595912 (0xFFBD4C48)
YUV	109.3310, -18.4042, 69.8697
Hunter-Lab	40.5693, 37.9286, 16.6850

Details

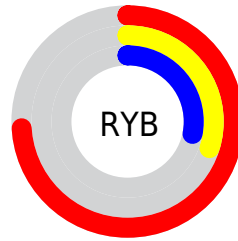
The YIQ color **109.3310, 68.6320, 22.7120** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **151.6690, -68.6320, -22.7120**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2670, 74.6840, 23.1640**, and **53.8020, 62.9920, 25.8080** is the 20% darker color. If you saturate the color by 10%, you get **96.5990, 79.6810, 26.2170**, and if you desaturate by 10%, it is **122.0630, 57.5830, 19.2070**.

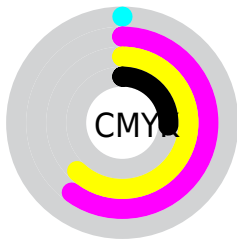
Distribution



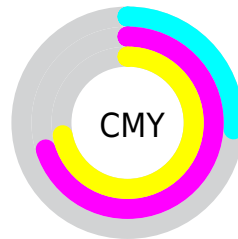
- Red (74%)
- Green (30%)
- Blue (28%)



- Red (74%)
- Yellow (30%)
- Blue (28%)



- Cyan (0%)
- Magenta (60%)
- Yellow (62%)
- Black (26%)





- Cyan (26%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.3310, 68.6320, 22.7120 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 109.3310, 68.6320, 22.7120 by changing the saturation by 10% instead.


 109.3310, 68.6320,
22.7120


 109.3310, 68.6320,
22.7120


255.0000, -0.0000,
-0.0000


 81.8900, 65.5600,
23.3200


 164.2670, 74.6840,
23.1640


 53.8020, 62.9920,
25.8080


 184.4610, 62.2140,
17.8780


 30.6550, 58.9120,
22.6560

 203.9750, 45.8470,
11.6310

 21.5280, 42.9120,
15.2640

 223.4890, 29.4800,
5.3840

 13.9820, 26.7740,
10.3740

 243.8180, 12.1960,
-0.7640

 0.0000, 0.0000,
0.0000

■ 109.3310, 68.6320,
22.7120

■ 109.3310, 68.6320,
22.7120

■ 96.5990, 79.6810,
26.2170

■ 122.0630, 57.5830,
19.2070

■ 83.2800, 91.0050,
30.2450

■ 135.3820, 46.2590,
15.1790

■ 70.5480, 102.0540,
33.7500

■ 148.1140, 35.2100,
11.6740

■ 60.0330, 110.9940,
36.9300

■ 160.8460, 24.1610,
8.1690

■ 173.5780, 13.1120,
4.6640

■ 186.8970, 1.7880,
0.6360

■ 199.5150, -8.9400,
-3.1800

■ 212.2470,

-19.9890, -6.6850

■ 224.9790,
-31.0380, -10.1900

Harmonies

Analogous

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



110.7110, 56.4790, 39.2230



109.3310, 68.6320, 22.7120



109.1120, 63.9140, -1.9260

Triad

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



109.3310, 68.6320, 22.7120



87.4220, -49.7840, -44.9200



92.1800, -96.9710, 0.7970

Complementary

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



109.3310, 68.6320, 22.7120



151.6690, -68.6320, -22.7120

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.



96.5680, -95.5480, -8.4760



109.3310, 68.6320, 22.7120



90.7250, -72.2060, -35.0380

Square

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



109.3310, 68.6320, 22.7120



102.7870, 12.3400, -36.4280



95.7410, -86.3300, -21.3540



114.1360, -22.6090, 29.7990

Rectangle

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



109.3310, 68.6320, 22.7120



107.5970, 54.5180, -18.8740



95.7410, -86.3300, -21.3540



94.3000, -97.4290, -1.9170

Sweetspot

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



109.3310, 68.6320, 22.7120



213.2270, 27.4620, 8.9180



120.0930, 32.8170, 60.5690



102.9590, 16.4130, 5.4130



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



109.3310, 68.6320, 22.7120



121.6410, 106.2260, 35.2340



142.7900, 52.9570, -7.0990



87.6910, 5.3640, 1.9080



50.1770, 92.7930, 30.8810



9.8560, 18.2010, 6.0490

Inverse Universe

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



151.6690, -68.6320, -22.7120



187.3590, -106.2260, -35.2340



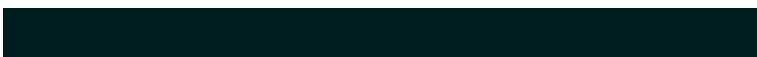
118.7970, -53.2320, 6.5760



91.3090, -5.3640, -1.9080



107.8230, -92.7930, -30.8810



21.1440, -18.2010, -6.0490

Previews

White Background



This preview shows how the YIQ color 109.3310, 68.6320, 22.7120 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



This preview shows how the YIQ color 109.3310, 68.6320, 22.7120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

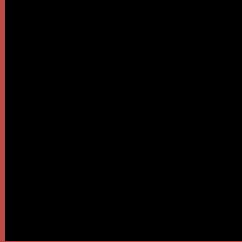
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.3310, 68.6320, 22.7120

Background



This preview shows how black text looks on a background with the YIQ color 109.3310, 68.6320, 22.7120.



This preview shows how white text looks on a background with the YIQ color 109.3310, 68.6320,

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

109.3310, 68.6320, 22.7120

Protanopia

112.4280, 13.1140, -6.3900

Deuteranopia

112.1820, 31.3620, -6.7020



Tritanopia

109.6560, 66.3390, 25.7230

Trichromacy



Original Color

109.3310, 68.6320, 22.7120

Protanomaly

111.7020, 33.1940, 4.1540

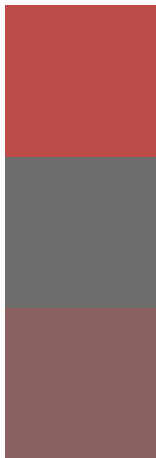
Deuteranomaly

111.0470, 45.3440, 4.2240

Tritanomaly

109.3140, 67.3020, 24.7900

Monochromacy



Original Color

109.3310, 68.6320, 22.7120

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.1450, 24.7570, 8.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3310, 68.6320, 22.7120 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(189, 76, 72)` looks like.

```
.text, #text, p{  
    color:rgb(189, 76, 72)  
}
```

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(189, 76, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 76, 72) }
```

Border

The CSS property to change the border of an element to YIQ 109.3310, 68.6320, 22.7120 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(189, 76, 72) }
```


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

```
.border{ border-color:rgb(189, 76, 72) }
```

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

Here you see how a box with a 4 pixel rgb(189, 76, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 76, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 76, 72);  
box-shadow:4px 4px 4px 4px rgb(189, 76,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3310, 68.6320, 22.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 76, 72) }
```

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

```
.background{ background-color: rgb(189, 76,  
72) }
```

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