

Converting Colors

YIQ(109.0120, 62.7610, 35.5050)

Have a look what the booklet for
YIQ(109.0120, 62.7610, 35.5050)
contains.

YIQ(109.0120, 62.7610, 35.5050)	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(109.0120, 62.7610,
35.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4564
RGB	191, 69, 100
RGB Percent	75%, 27%, 39%
CMY	0.2507, 0.7296, 0.6076
CMYK	0.00, 0.64, 0.48, 0.25
HSL	345°, 49%, 51%
HSV	345°, 64%, 75%
XYZ	25.9337, 16.2578, 13.8424
YIQ	109.0120, 62.7610, 35.5050

Conversions

Conversions Part 2

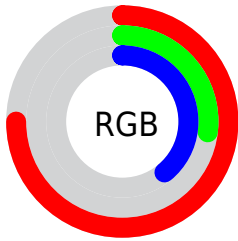
Format	Color
R_{YB}	191, 69, 100
Decimal	12535140
CIE Lab	47.31, 51.41, 8.59
CIE LCh	47, 52.120, 9.488
Yxy	16.2578, 0.4628, 0.2901
Android (android.graphics.Color)	4290725220 (0xFFBF4564)
YUV	109.0120, -4.4429, 71.9035
Hunter-Lab	40.3209, 44.2465, 7.8701

Details

The YIQ color **109.0120, 62.7610, 35.5050** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **150.9880, -62.7610, -35.5050**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4640, 67.3000, 35.8440**, and **45.9230, 61.9340, 44.9900** is the 20% darker color. If you saturate the color by 10%, you get **96.2630, 72.4800, 41.0880**, and if you desaturate by 10%, it is **121.7610, 53.0420, 29.9220**.

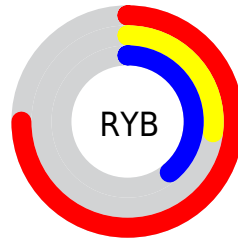
Distribution



Red (75%)

Green (27%)

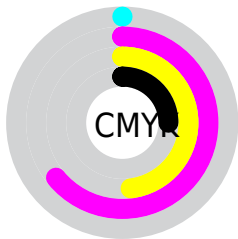
Blue (39%)



Red (75%)

Yellow (27%)

Blue (39%)

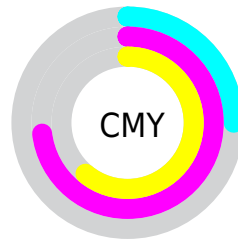


Cyan (0%)

Magenta (64%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (73%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.0120, 62.7610, 35.5050 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 109.0120, 62.7610, 35.5050 by changing the saturation by 10% instead.

■ 109.0120, 62.7610,
35.5050

■ 109.0120, 62.7610,
35.5050

■ 255.0000, -0.0000,
-0.0000

■ 80.5820, 61.1560,
37.0600

■ 164.4640, 67.3000,
35.8440

■ 45.9230, 61.9340,
44.9900

■ 185.0600, 53.6380,
30.1340

■ 34.8580, 51.3910,
32.3110

■ 204.6880, 36.9500,
24.1980

■ 23.7500, 42.4070,
18.9110

■ 224.3160, 20.2620,
18.2620

■ 15.1780, 29.1580,
11.2220

■ 243.8470, 5.2250,
9.9370

■ 0.0000, 0.0000,
0.0000

■ 109.0120, 62.7610,
35.5050

■ 109.0120, 62.7610,
35.5050

■ 96.2630, 72.4800,
41.0880

■ 121.7610, 53.0420,
29.9220

■ 83.5140, 82.1990,
46.6710

■ 134.6240, 43.0020,
24.6500

■ 70.6510, 92.2390,
51.9430

■ 147.3730, 33.2830,
19.0670

■ 62.6950, 98.1070,
55.7310

■ 160.1220, 23.5640,
13.4840


■ 172.8710, 13.8450,
7.9010

■ 186.3210, 3.5300,
2.1060

■ 199.0700, -6.1890,
-3.4770

■ 211.8190,

-15.9080, -9.0600

 224.5680,
-25.6270, -14.6430

Harmonies

Analogous

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



113.3530, 37.1760, 42.1360



109.0120, 62.7610, 35.5050



109.1750, 68.7710, 14.6830

Triad

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



109.0120, 62.7610, 35.5050



99.5340, -3.0650, -38.0810



95.4910, -96.6490, -5.0410

Complementary

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



109.0120, 62.7610, 35.5050



150.9880, -62.7610, -35.5050

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.



95.9350, -89.6320, -16.5760



109.0120, 62.7610, 35.5050



86.0170, -61.7050, -43.6330

Square

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



109.0120, 62.7610, 35.5050



104.5960, 37.9230, -32.0050



92.3210, -76.7000, -30.6840



100.0800, -72.9020, 10.6340

Rectangle

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



109.0120, 62.7610, 35.5050



108.6990, 63.6390, -2.4490



92.3210, -76.7000, -30.6840



96.4540, -95.2270, -8.7870

Sweetspot

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



109.0120, 62.7610, 35.5050



215.4210, 24.1600, 13.6960



109.8180, 14.4780, 57.0220



105.5830, 14.7160, 8.6360



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.0120, 62.7610, 35.5050



119.2820, 97.8320, 55.2080



121.9140, 65.0120, 11.2200



87.9190, 4.7220, 2.5300



51.8020, 81.3280, 45.9360



10.1810, 15.9080, 9.0600

Inverse Universe

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



109.0120, 62.7610, 35.5050



119.2820, 97.8320, 55.2080



138.0860, -65.0120, -11.2200



87.9190, 4.7220, 2.5300



51.8020, 81.3280, 45.9360



10.1810, 15.9080, 9.0600

Previews

White Background



This preview shows how the YIQ color 109.0120, 62.7610, 35.5050 looks on a white background.

Color Contrast Check

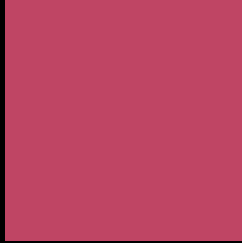
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.0120, 62.7610, 35.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

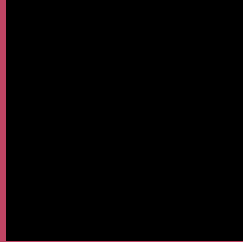
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.0120, 62.7610, 35.5050

Background



This preview shows how black text looks on a background with the YIQ color 109.0120, 62.7610, 35.5050.



This preview shows how white text looks on a background with the YIQ color 109.0120, 62.7610,

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

109.0120, 62.7610, 35.5050

Protanopia

113.3680, -3.8520, 3.7320

Deuteranopia

113.5690, 17.3310, -0.2130



Tritanopia

108.5530, 68.1270, 26.3590

Trichromacy



Original Color

109.0120, 62.7610, 35.5050

Protanomaly

111.6210, 20.7210, 15.4490

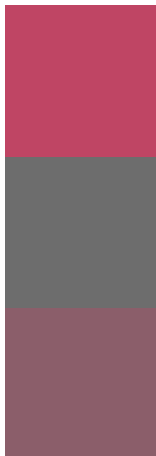
Deuteranomaly

111.5700, 33.9260, 12.9180

Tritanomaly

108.8780, 65.8340, 29.3700

Monochromacy



Original Color

109.0120, 62.7610, 35.5050

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8230, 22.9680, 13.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.0120, 62.7610, 35.5050 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(191, 69, 100)` looks like.

```
.text, #text, p{  
    color:rgb(191, 69, 100)  
}
```

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(191, 69, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 69, 100) }
```

Border

The CSS property to change the border of an element to YIQ 109.0120, 62.7610, 35.5050 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(191, 69, 100) }
```


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

```
.border{ border-color:rgb(191, 69, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 69, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 69, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 69, 100);  
box-shadow:4px 4px 4px 4px rgb(191, 69,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 109.0120, 62.7610, 35.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 69, 100) }
```

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

```
.background{ background-color: rgb(191, 69,  
100) }
```

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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