

Converting Colors

YIQ(109.3570, 65.7430, 25.5110)

Have a look what the booklet for
YIQ(109.3570, 65.7430, 25.5110)
contains.

YIQ(109.3570, 65.7430, 25.5110)	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(109.3570, 65.7430,
25.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4B50
RGB	188, 75, 80
RGB Percent	74%, 29%, 31%
CMY	0.2625, 0.7060, 0.6860
CMYK	0.00, 0.60, 0.57, 0.26
HSL	357°, 46%, 52%
HSV	357°, 60%, 74%
XYZ	24.7194, 16.3060, 9.4466
YIQ	109.3570, 65.7430, 25.5110

Conversions

Conversions Part 2

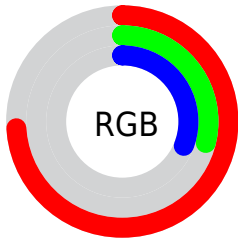
Format	Color
RYB	188, 75, 80
Decimal	12340048
CIELab	47.37, 45.99, 20.73
CIElCh	47, 50.448, 24.257
Yxy	16.3060, 0.4898, 0.3231
Android (android.graphics.Color)	4290530128 (0xFFBC4B50)
YUV	109.3570, -14.4730, 68.9699
Hunter-Lab	40.3807, 38.6038, 14.3963

Details

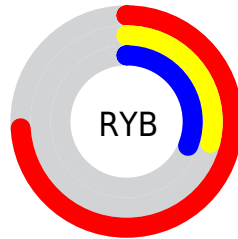
The YIQ color **109.3570, 65.7430, 25.5110** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **153.6430, -65.7430, -25.5110**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2930, 71.7950, 25.9630**, and **53.2410, 60.3780, 29.1300** is the 20% darker color. If you saturate the color by 10%, you get **96.1520, 76.7460, 29.8500**, and if you desaturate by 10%, it is **122.5620, 54.7400, 21.1720**.

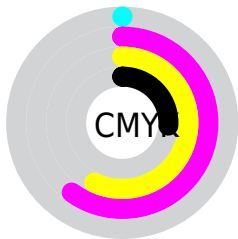
Distribution



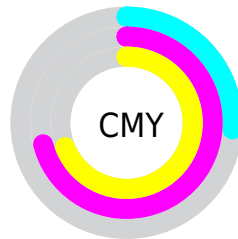
- Red (74%)
- Green (29%)
- Blue (31%)



- Red (74%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.3570, 65.7430, 25.5110 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 109.3570, 65.7430, 25.5110 by changing the saturation by 10% instead.

■ 109.3570, 65.7430,
25.5110

■ 109.3570, 65.7430,
25.5110

■ 255.0000, -0.0000,
-0.0000

■ 81.9160, 62.6710,
26.1190

■ 164.2930, 71.7950,
25.9630

■ 52.6540, 60.6530,
29.6530

■ 184.9000, 59.6000,
21.2000

■ 31.6100, 54.7850,
25.8650

■ 204.4140, 43.2330,
14.9530

■ 21.5280, 42.9120,
15.2640

■ 224.6290, 26.2700,
8.4940

■ 13.9820, 26.7740,
10.3740

■ 244.8440, 9.3070,
2.0350

■ 0.0000, 0.0000,
0.0000

■ 109.3570, 65.7430,
25.5110

■ 109.3570, 65.7430,
25.5110

■ 96.1520, 76.7460,
29.8500

■ 122.5620, 54.7400,
21.1720

■ 82.9470, 87.7490,
34.1890

■ 135.7670, 43.7370,
16.8330

■ 70.3290, 98.4770,
38.0050

■ 148.3850, 33.0090,
13.0170

■ 57.1240, 109.4800,
42.3440

■ 161.5900, 22.0060,
8.6780


■ 174.7950, 11.0030,
4.3390

■ 188.0000, 0.0000,
0.0000

■ 201.2050,
-11.0030, -4.3390

■ 213.8230,

-21.7310, -8.1550

 227.0280,
-32.7340, -12.4940

Harmonies

Analogous

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



111.1880, 50.7020, 39.2940



109.3570, 65.7430, 25.5110



109.7470, 63.6840, 2.2440

Triad

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



109.3570, 65.7430, 25.5110



94.5340, -29.4280, -39.3800



92.8980, -96.2370, -1.4930

Complementary

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



109.3570, 65.7430, 25.5110



153.6430, -65.7430, -25.5110

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.



96.3570, -93.5760, -11.1760



109.3570, 65.7430, 25.5110



89.2260, -69.3630, -37.0030

Square

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



109.3570, 65.7430, 25.5110



103.1900, 18.5750, -33.7850



94.1280, -83.1660, -23.6300



112.2980, -32.0530, 24.7390

Rectangle

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



109.3570, 65.7430, 25.5110



108.0580, 54.8380, -13.6580



94.1280, -83.1660, -23.6300



94.3170, -96.0990, -3.9950

Sweetspot

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



109.3570, 65.7430, 25.5110



214.3840, 25.5820, 9.9500



119.8750, 27.4990, 57.8270



103.3010, 15.4500, 6.3460



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.



109.3570, 65.7430, 25.5110



122.5360, 102.3280, 39.8000



138.7240, 53.3230, -2.7170



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Inverse Universe

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



109.3570, 65.7430, 25.5110



122.5360, 102.3280, 39.8000



124.2760, -53.3230, 2.7170



87.6910, 5.3640, 1.9080



48.0400, 91.9210, 35.6730



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 109.3570, 65.7430, 25.5110 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 109.3570, 65.7430, 25.5110 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 109.3570, 65.7430, 25.5110

Background



This preview shows how black text looks on a background with the YIQ color 109.3570, 65.7430, 25.5110.

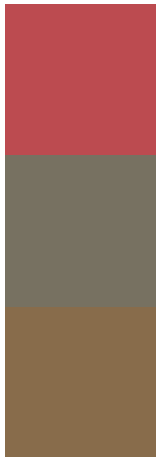


This preview shows how white text looks on a background with the YIQ color 109.3570, 65.7430,

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

109.3570, 65.7430, 25.5110

Protanopia

112.9700, 8.7120, -3.7040

Deuteranopia

112.6100, 27.2810, -4.3270



Tritanopia

109.3570, 65.7430, 25.5110

Trichromacy



Original Color

109.3570, 65.7430, 25.5110

Protanomaly

111.5430, 29.3880, 7.0520

Deuteranomaly

111.4750, 41.2630, 6.5990

Tritanomaly

109.3570, 65.7430, 25.5110

Monochromacy



Original Color

109.3570, 65.7430, 25.5110

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.3730, 24.1150, 9.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3570, 65.7430, 25.5110 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(188, 75, 80)` looks like.

```
.text, #text, p{  
    color:rgb(188, 75, 80)  
}
```

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(188, 75, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 75, 80) }
```

Border

The CSS property to change the border of an element to YIQ 109.3570, 65.7430, 25.5110 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(188, 75, 80) }
```


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

```
.border{ border-color:rgb(188, 75, 80) }
```

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

Here you see how a box with a 4 pixel rgb(188, 75, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 75, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 75, 80);  
box-shadow:4px 4px 4px 4px rgb(188, 75,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3570, 65.7430, 25.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 75, 80) }
```

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

```
.background{ background-color: rgb(188, 75,  
80) }
```

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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