

Converting Colors

YIQ(109.5210, 53.9580, 35.3500)

Have a look what the booklet for
YIQ(109.5210, 53.9580, 35.3500)
contains.

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Color

**YIQ(109.5210, 53.9580,
35.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	B7486E
RGB	183, 72, 110
RGB Percent	72%, 28%, 43%
CMY	0.2821, 0.7178, 0.5684
CMYK	0.00, 0.61, 0.40, 0.28
HSL	339°, 44%, 50%
HSV	339°, 61%, 72%
XYZ	24.6773, 15.8318, 16.5205
YIQ	109.5210, 53.9580, 35.3500

Conversions

Conversions Part 2

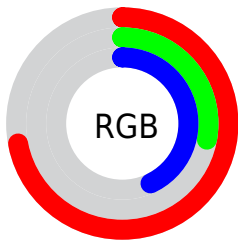
Format	Color
RYB	183, 72, 110
Decimal	12011630
CIELab	46.75, 48.49, 1.52
CIELCh	47, 48.511, 1.799
Yxy	15.8318, 0.4327, 0.2776
Android (android.graphics.Color)	4290201710 (0xFFB7486E)
YUV	109.5210, 0.2361, 64.4411
Hunter-Lab	39.7892, 41.0747, 3.2352

Details

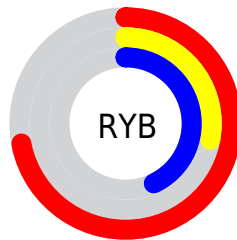
The YIQ color **109.5210, 53.9580, 35.3500** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **145.4790, -53.9580, -35.3500**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6740, 57.9010, 35.4770**, and **50.7260, 52.1230, 41.0750** is the 20% darker color. If you saturate the color by 10%, you get **97.5870, 62.7600, 41.0320**, and if you desaturate by 10%, it is **121.4550, 45.1560, 29.6680**.

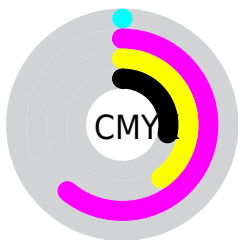
Distribution



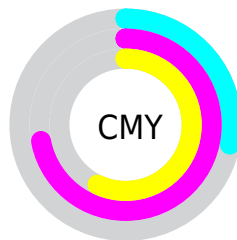
- Red (72%)
- Green (28%)
- Blue (43%)



- Red (72%)
- Yellow (28%)
- Blue (43%)



- Cyan (0%)
- Magenta (61%)
- Yellow (40%)
- Black (28%)





- Cyan (28%)
- Magenta (72%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.5210, 53.9580, 35.3500 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 109.5210, 53.9580, 35.3500 by changing the saturation by 10% instead.


 109.5210, 53.9580,
35.3500


 109.5210, 53.9580,
35.3500


255.0000, -0.0000,
-0.0000


 82.2650, 51.8030,
35.8590


 164.0870, 58.1760,
36.0000


 50.7260, 52.1230,
41.0750


 187.4880, 49.5570,
32.5090


 33.9760, 45.2470,
33.5270

 207.1160, 32.8690,
26.5730

 23.6230, 35.5750,
21.5830

 226.8580, 15.8600,
20.9480

 13.9820, 26.7740,
10.3740

 245.0210, 4.6750,
8.8910

 0.0000, 0.0000,
0.0000

■ 109.5210, 53.9580,
35.3500

■ 109.5210, 53.9580,
35.3500

■ 97.5870, 62.7600,
41.0320

■ 121.4550, 45.1560,
29.6680

■ 85.0660, 71.8370,
47.2370

■ 133.9760, 36.0790,
23.4630

■ 73.1320, 80.6390,
52.9190

■ 145.9100, 27.2770,
17.7810

■ 61.8990, 88.8450,
58.3890

■ 157.8440, 18.4750,
12.0990


■ 169.7780, 9.6730,
6.4170

■ 182.2990, 0.5960,
0.2120

■ 194.2330, -8.2060,
-5.4700

■ 206.1670,

-17.0080, -11.1520

 218.6880,
-26.0850, -17.3570

Harmonies

Analogous

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



113.0850, 26.1270, 38.6310



109.5210, 53.9580, 35.3500



107.8850, 63.9560, 19.3480

Triad

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



109.5210, 53.9580, 35.3500



101.3290, 7.9380, -33.7420



94.1230, -92.7970, -8.7730

Complementary

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



109.5210, 53.9580, 35.3500



145.4790, -53.9580, -35.3500

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.



93.7520, -84.8630, -20.4070



109.5210, 53.9580, 35.3500



87.6120, -47.2630, -41.0470

Square

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



109.5210, 53.9580, 35.3500



105.6060, 41.1310, -24.0610



89.0780, -71.7020, -33.1580



89.3930, -93.2570, -0.4330

Rectangle

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



109.5210, 53.9580, 35.3500



108.4310, 61.7580, 4.1100



89.0780, -71.7020, -33.1580



94.3850, -90.7790, -12.3070

Sweetspot

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



109.5210, 53.9580, 35.3500



208.5670, 20.8130, 13.7810



106.1820, 7.2810, 49.7850



102.2130, 12.8820, 8.8340



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.



109.5210, 53.9580, 35.3500



122.4530, 84.1690, 55.0250



115.1680, 61.4810, 14.6410



86.0330, 4.4010, 2.8410



52.6860, 75.9630, 49.5550



9.5120, 13.4780, 9.0460

Inverse Universe

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



109.5210, 53.9580, 35.3500



122.4530, 84.1690, 55.0250



139.8320, -61.4810, -14.6410



86.0330, 4.4010, 2.8410



52.6860, 75.9630, 49.5550



9.5120, 13.4780, 9.0460

Previews

White Background



This preview shows how the YIQ color 109.5210, 53.9580, 35.3500 looks on a white background.

Color Contrast Check

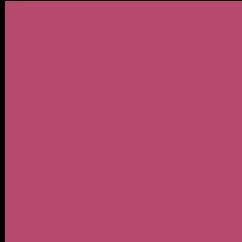
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.5210, 53.9580, 35.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

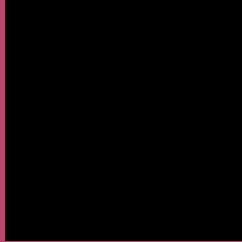
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.5210, 53.9580, 35.3500

Background



This preview shows how black text looks on a background with the YIQ color 109.5210, 53.9580, 35.3500.



This preview shows how white text looks on a background with the YIQ color 109.5210, 53.9580,

35.3500.

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

109.5210, 53.9580, 35.3500

Protanopia

111.7250, -9.1710, 6.5170

Deuteranopia

112.7410, 11.0950, 2.6710



Tritanopia

109.3670, 59.7830, 23.3910

Trichromacy



Original Color

109.5210, 53.9580, 35.3500

Protanomaly

110.9670, 13.9350, 17.2870

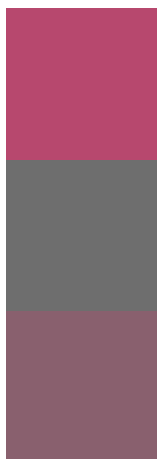
Deuteranomaly

111.6170, 26.5440, 14.5440

Tritanomaly

109.6320, 57.7190, 27.7590

Monochromacy



Original Color

109.5210, 53.9580, 35.3500

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8550, 19.9420, 13.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5210, 53.9580, 35.3500 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(183, 72, 110)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 110)  
}
```

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(183, 72, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 110) }
```

Border

The CSS property to change the border of an element to YIQ 109.5210, 53.9580, 35.3500 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(183, 72, 110) }
```


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

```
.border{ border-color:rgb(183, 72, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 72, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 110);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5210, 53.9580, 35.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 110) }
```

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

```
.background{ background-color: rgb(183, 72,  
110) }
```

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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