

Converting Colors

YIQ(103.9910, 50.0590, 45.4430)

Have a look what the booklet for
YIQ(103.9910, 50.0590, 45.4430)
contains.

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Color

**YIQ(103.9910, 50.0590,
45.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	B43D7E
RGB	180, 61, 126
RGB Percent	71%, 24%, 49%
CMY	0.2938, 0.7610, 0.5057
CMYK	0.00, 0.66, 0.30, 0.29
HSL	327°, 49%, 47%
HSV	327°, 66%, 71%
XYZ	24.2760, 14.5527, 21.2809
YIQ	103.9910, 50.0590, 45.4430

Conversions

Conversions Part 2

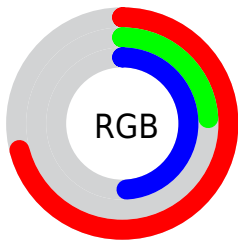
Format	Color
RYB	180, 61, 126
Decimal	11812222
CIELab	45.02, 54.24, -10.87
CIELCh	45, 55.317, 348.670
Yxy	14.5527, 0.4039, 0.2421
Android (android.graphics.Color)	4290002302 (0xFFB43D7E)
YUV	103.9910, 10.8504, 66.6599
Hunter-Lab	38.1480, 46.8320, -6.3714

Details

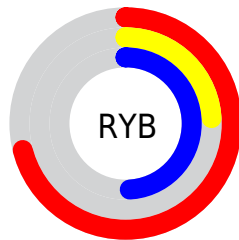
The YIQ color **103.9910, 50.0590, 45.4430** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.0090, -50.0590, -45.4430**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.9590, 53.0850, 45.6690**, and **45.5550, 48.5910, 50.0230** is the 20% darker color. If you saturate the color by 10%, you get **92.5130, 57.5770, 52.3690**, and if you desaturate by 10%, it is **115.4690, 42.5410, 38.5170**.

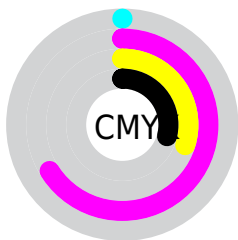
Distribution



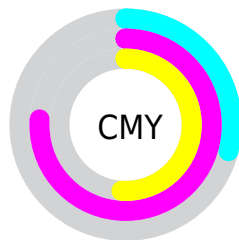
- Red (71%)
- Green (24%)
- Blue (49%)



- Red (71%)
- Yellow (24%)
- Blue (49%)



- Cyan (0%)
- Magenta (66%)
- Yellow (30%)
- Black (29%)





- Cyan (29%)
- Magenta (76%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.9910, 50.0590, 45.4430 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 103.9910, 50.0590, 45.4430 by changing the saturation by 10% instead.


 103.9910, 50.0590,
45.4430


 103.9910, 50.0590,
45.4430


255.0000, -0.0000,
-0.0000


 74.2730, 49.3250,
47.7330


 159.9590, 53.0850,
45.6690


 45.5550, 48.5910,
50.0230


 183.6700, 46.5290,
43.3370

 34.8600, 39.8820,
37.1460

 203.2980, 29.8410,
37.4010

 24.3930, 30.5310,
24.8910

 222.7150, 15.1250,
28.7650

 13.9540, 23.9770,
11.5050

 239.7380, 7.1500,
13.5980

 0.0000, 0.0000,
0.0000

103.9910, 50.0590,
45.4430

103.9910, 50.0590,
45.4430

92.5130, 57.5770,
52.3690

115.4690, 42.5410,
38.5170

81.0350, 65.0950,
59.2950

126.9470, 35.0230,
31.5910

69.5570, 72.6130,
66.2210

138.5390, 27.1840,
24.9760

64.9920, 75.8220,
68.6380

150.0170, 19.6660,
18.0500


161.4950, 12.1480,
11.1240

172.9730, 4.6300,
4.1980

184.4510, -2.8880,
-2.7280

195.9290,

-10.4060, -9.6540

 207.5210,
-18.2450, -16.2690

Harmonies

Analogous

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



109.1680, 9.8960, 40.9360



103.9910, 50.0590, 45.4430



100.5520, 69.8680, 33.3560

Triad

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



103.9910, 50.0590, 45.4430



96.5300, 29.1210, -37.6870



93.3250, -90.5500, -10.9500

Complementary

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



103.9910, 50.0590, 45.4430



137.0090, -50.0590, -45.4430

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.



90.5260, -78.5350, -24.9590



103.9910, 50.0590, 45.4430



88.4330, -21.9540, -42.6740

Square

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



103.9910, 50.0590, 45.4430



100.2830, 58.2780, -20.9380



84.4670, -62.8520, -39.3640



91.1370, -95.4120, 0.0760

Rectangle

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



103.9910, 50.0590, 45.4430



101.6100, 71.9800, 17.1000



84.4670, -62.8520, -39.3640



92.5440, -86.9730, -15.2050

Sweetspot

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



103.9910, 50.0590, 45.4430



204.9030, 19.9870, 17.7390



90.7120, -6.0150, 48.4570



99.1960, 11.5520, 10.9120



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



103.9910, 50.0590, 45.4430



116.2420, 78.1140, 71.1540



97.2650, 68.9980, 27.0940



83.2610, 3.7590, 3.4630



55.3230, 64.2240, 58.5600



9.3700, 11.0020, 9.8660

Inverse Universe

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



103.9910, 50.0590, 45.4430



116.2420, 78.1140, 71.1540



143.7350, -68.9980, -27.0940



83.2610, 3.7590, 3.4630



55.3230, 64.2240, 58.5600



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 103.9910, 50.0590, 45.4430 looks on a white background.

Color Contrast Check

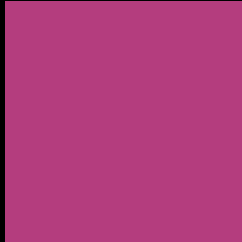
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9910, 50.0590, 45.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

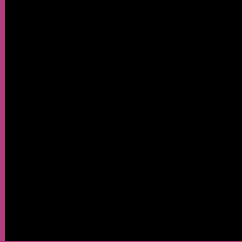
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.9910, 50.0590, 45.4430

Background



This preview shows how black text looks on a background with the YIQ color 103.9910, 50.0590, 45.4430.



This preview shows how white text looks on a background with the YIQ color 103.9910, 50.0590,

45.4430.

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

103.9910, 50.0590, 45.4430

Protanopia

107.1440, -26.2280, 12.7800

Deuteranopia

108.2160, -0.3680, 6.6720



Tritanopia

104.3670, 59.7830, 23.3910

Trichromacy



Original Color

103.9910, 50.0590, 45.4430

Protanomaly

106.2510, 1.6920, 24.4120

Deuteranomaly

106.5270, 18.2900, 20.9620

Tritanomaly

104.2560, 56.0220, 30.9820

Monochromacy



Original Color

103.9910, 50.0590, 45.4430

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.8920, 18.5200, 16.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.9910, 50.0590, 45.4430 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(180, 61, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 61, 126)  
}
```

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(180, 61, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 61, 126) }
```

Border

The CSS property to change the border of an element to YIQ 103.9910, 50.0590, 45.4430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

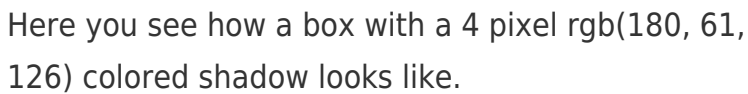
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 61, 126) }
```


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

```
.border{ border-color:rgb(180, 61, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 61, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 61, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 61, 126); box-shadow:4px 4px 4px 4px rgb(180, 61, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 103.9910, 50.0590, 45.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 61, 126) }
```

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

```
.background{ background-color: rgb(180, 61,  
126) }
```

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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