

Converting Colors

YIQ(110.1270, 52.6720, 47.6480)

Have a look what the booklet for
YIQ(110.1270, 52.6720, 47.6480)
contains.

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Color

**YIQ(110.1270, 52.6720,
47.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4185
RGB	190, 65, 133
RGB Percent	75%, 25%, 52%
CMY	0.2546, 0.7453, 0.4783
CMYK	0.00, 0.66, 0.30, 0.25
HSL	327°, 49%, 50%
HSV	327°, 66%, 75%
XYZ	27.3805, 16.4275, 23.9324
YIQ	110.1270, 52.6720, 47.6480

Conversions

Conversions Part 2

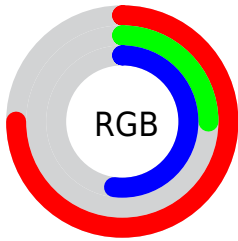
Format	Color
R_{YB}	190, 65, 133
Decimal	12468613
CIE _{Lab}	47.53, 56.38, -11.16
CIE _{LCh}	48, 57.478, 348.800
Yxy	16.4275, 0.4042, 0.2425
Android (android.graphics.Color)	4290658693 (0xFFBE4185)
YUV	110.1270, 11.2764, 70.0486
Hunter-Lab	40.5308, 49.6566, -6.6378

Details

The YIQ color **110.1270, 52.6720, 47.6480** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **144.8730, -52.6720, -47.6480**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6820, 55.4230, 47.3510**, and **49.2290, 52.6250, 54.0090** is the 20% darker color. If you saturate the color by 10%, you get **97.9480, 60.7860, 54.7860**, and if you desaturate by 10%, it is **122.3060, 44.5580, 40.5100**.

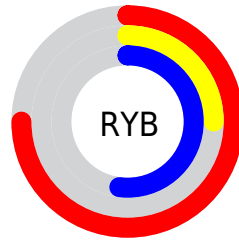
Distribution



Red (75%)

Green (25%)

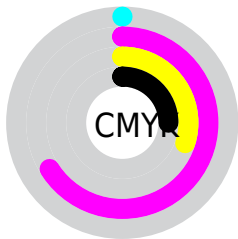
Blue (52%)



Red (75%)

Yellow (25%)

Blue (52%)

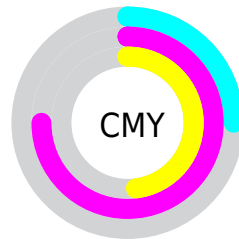


Cyan (0%)

Magenta (66%)

Yellow (30%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.1270, 52.6720, 47.6480 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 110.1270, 52.6720, 47.6480 by changing the saturation by 10% instead.

110.1270, 52.6720,
47.6480

110.1270, 52.6720,
47.6480

255.0000, -0.0000,
-0.0000

80.4090, 51.9380,
49.9380

166.3940, 56.2940,
48.0860

49.2290, 52.6250,
54.0090

187.5170, 42.5860,
43.2100

38.2350, 43.3200,
40.9200

207.1450, 25.8980,
37.2740

27.4690, 33.3730,
28.4530

225.6500, 13.7500,
26.1500

17.4860, 25.5350,
16.3110

242.6730, 5.7750,
10.9830

2.0930, 4.1720,
1.4840

0.0000, 0.0000,

0.0000

■ 110.1270, 52.6720,
47.6480

■ 110.1270, 52.6720,
47.6480

■ 97.9480, 60.7860,
54.7860

■ 122.3060, 44.5580,
40.5100

■ 85.8830, 68.5790,
62.2350

■ 134.3710, 36.7650,
33.0610

■ 73.7040, 76.6930,
69.3730

■ 146.5500, 28.6510,
25.9230

■ 68.5520, 80.1770,
72.3130

■ 158.7290, 20.5370,
18.7850

■ 170.7940, 12.7440,
11.3360

■ 182.9730, 4.6300,
4.1980

■ 195.1520, -3.4840,
-2.9400

■ 207.2170,
-11.2770, -10.3890

■ 219.3960,
-19.3910, -17.5270

Harmonies

Analogous

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



115.5210, 10.4000, 42.8160



110.1270, 52.6720, 47.6480



106.4600, 73.1230, 34.9390

Triad

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



110.1270, 52.6720, 47.6480



102.4330, 30.7720, -40.0760



98.5740, -95.6850, -11.5010

Complementary

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



110.1270, 52.6720, 47.6480



144.8730, -52.6720, -47.6480

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.



95.5470, -83.0280, -26.1320



110.1270, 52.6720, 47.6480



93.4820, -23.6500, -44.9780

Square

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



110.1270, 52.6720, 47.6480



106.1970, 61.3960, -22.3800



89.1460, -66.3820, -41.4700



96.5000, -100.8680, -0.1640

Rectangle

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



110.1270, 52.6720, 47.6480



107.5780, 75.0060, 17.3260



89.1460, -66.3820, -41.4700



98.2660, -92.0620, -16.5900

Sweetspot

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



110.1270, 52.6720, 47.6480



215.7290, 20.5370, 18.7850



95.9940, -6.7490, 50.7470



105.7940, 12.7440, 11.3360



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.



110.1270, 52.6720, 47.6480



122.3890, 82.1940, 74.3060



103.0590, 72.5740, 28.3660



88.2610, 3.7590, 3.4630



57.0460, 66.5620, 60.2420



11.2070, 13.0190, 11.8590

Inverse Universe

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



110.1270, 52.6720, 47.6480



122.3890, 82.1940, 74.3060



151.9410, -72.5740, -28.3660



88.2610, 3.7590, 3.4630



57.0460, 66.5620, 60.2420



11.2070, 13.0190, 11.8590

Previews

White Background



This preview shows how the YIQ color 110.1270, 52.6720, 47.6480 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 110.1270, 52.6720, 47.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

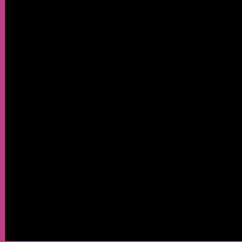
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.1270, 52.6720, 47.6480

Background



This preview shows how black text looks on a background with the YIQ color 110.1270, 52.6720, 47.6480.



This preview shows how white text looks on a background with the YIQ color 110.1270, 52.6720,

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

110.1270, 52.6720, 47.6480

Protanopia

113.3720, -26.8700, 13.4020

Deuteranopia

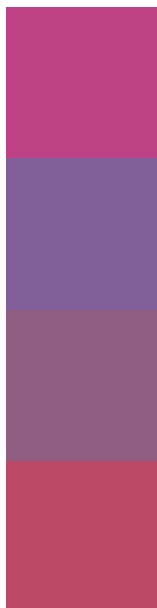
114.2160, -0.3680, 6.6720



Tritanopia

110.1610, 63.3590, 24.6630

Trichromacy



Original Color

110.1270, 52.6720, 47.6480

Protanomaly

112.1910, 1.9210, 25.7690

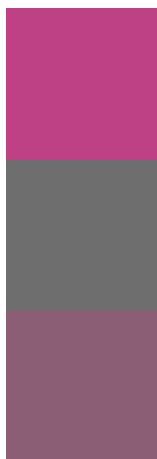
Deuteranomaly

112.9400, 18.5650, 21.4850

Tritanomaly

110.2780, 58.9560, 32.8760

Monochromacy



Original Color

110.1270, 52.6720, 47.6480

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1910, 19.1160, 17.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.1270, 52.6720, 47.6480 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(190, 65, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 65, 133)  
}
```

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(190, 65, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 65, 133) }
```

Border

The CSS property to change the border of an element to YIQ 110.1270, 52.6720, 47.6480 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(190, 65, 133) }
```


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

```
.border{ border-color:rgb(190, 65, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 65, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 65, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 65, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 65,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 110.1270, 52.6720, 47.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 65, 133) }
```

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

```
.background{ background-color: rgb(190, 65,  
133) }
```

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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