

Converting Colors

YIQ(111.9710, 52.8110, 39.6190)

Have a look what the booklet for
YIQ(111.9710, 52.8110, 39.6190)
contains.

YIQ(111.9710, 52.8110, 39.6190)	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(111.9710, 52.8110,
39.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4879
RGB	187, 72, 121
RGB Percent	73%, 28%, 47%
CMY	0.2664, 0.7178, 0.5253
CMYK	0.00, 0.62, 0.35, 0.27
HSL	334°, 46%, 51%
HSV	334°, 62%, 73%
XYZ	26.2806, 16.5846, 19.9192
YIQ	111.9710, 52.8110, 39.6190

Conversions

Conversions Part 2

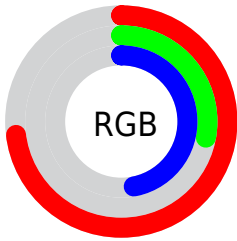
Format	Color
R_{YB}	187, 72, 121
Decimal	12273785
CIE Lab	47.73, 51.03, -3.65
CIE LCh	48, 51.161, 355.906
Yxy	16.5846, 0.4186, 0.2642
Android (android.graphics.Color)	4290463865 (0xFFBB4879)
YUV	111.9710, 4.4513, 65.8004
Hunter-Lab	40.7242, 43.9242, -0.4933

Details

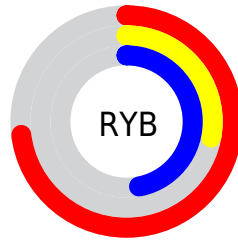
The YIQ color **111.9710, 52.8110, 39.6190** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **147.0290, -52.8110, -39.6190**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2380, 56.4330, 40.0570**, and **51.3010, 52.1220, 46.6020** is the 20% darker color. If you saturate the color by 10%, you get **99.5640, 61.5670, 46.1350**, and if you desaturate by 10%, it is **124.3780, 44.0550, 33.1030**.

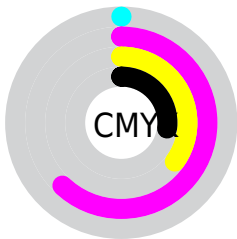
Distribution



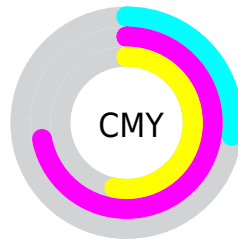
- Red (73%)
- Green (28%)
- Blue (47%)



- Red (73%)
- Yellow (28%)
- Blue (47%)



- Cyan (0%)
- Magenta (62%)
- Yellow (35%)
- Black (27%)





- Cyan (27%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.9710, 52.8110, 39.6190 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 111.9710, 52.8110, 39.6190 by changing the saturation by 10% instead.


 111.9710, 52.8110,
39.6190


 111.9710, 52.8110,
39.6190


255.0000, -0.0000,
-0.0000


 84.0140, 51.2520,
40.3400


 167.2380, 56.4330,
40.0570


 51.3010, 52.1220,
46.6020


 189.5570, 45.1090,
36.0290


 36.1980, 44.7420,
37.1740

 209.1850, 28.4210,
30.0930

 25.7310, 35.3910,
24.9190

 228.5850, 12.3750,
23.5350

 15.4770, 29.7540,
11.4340

 245.6080, 4.4000,
8.3680

 0.0000, 0.0000,
0.0000

■ 111.9710, 52.8110,
39.6190

■ 111.9710, 52.8110,
39.6190

■ 99.5640, 61.5670,
46.1350

■ 124.3780, 44.0550,
33.1030

■ 87.8580, 69.7270,
52.4390

■ 136.1980, 35.5740,
27.1100

■ 75.4510, 78.4830,
58.9550

■ 148.4910, 27.1390,
20.2830

■ 65.0330, 85.7720,
64.5240

■ 160.8980, 18.3830,
13.7670


■ 172.7180, 9.9020,
7.7740

■ 185.0110, 1.4670,
0.9470

■ 197.4180, -7.2890,
-5.5690

■ 209.8250,

-16.0450, -12.0850

 221.6450,
-24.5260, -18.0780

Harmonies

Analogous

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



116.2030, 19.9830, 39.8470



111.9710, 52.8110, 39.6190



110.3140, 67.3020, 24.7900

Triad

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



111.9710, 52.8110, 39.6190



103.8800, 16.5120, -34.9440



96.6990, -94.5390, -10.2430

Complementary

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



111.9710, 52.8110, 39.6190



147.0290, -52.8110, -39.6190

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.



95.1710, -84.7250, -22.9090



111.9710, 52.8110, 39.6190



94.1420, -34.1960, -41.0760

Square

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



111.9710, 52.8110, 39.6190



107.5530, 48.6500, -22.6620



90.1550, -70.6010, -36.5930



93.1260, -96.8790, -0.8710

Rectangle

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



111.9710, 52.8110, 39.6190



110.3440, 66.6170, 9.6650



90.1550, -70.6010, -36.5930



96.7330, -91.8790, -14.3990

Sweetspot

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



111.9710, 52.8110, 39.6190



213.9090, 19.8500, 14.7140



104.5450, 1.8250, 49.5450



104.4410, 12.2400, 9.4560



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.



111.9710, 52.8110, 39.6190



125.1850, 82.2880, 61.5840



111.0810, 66.3400, 20.1960



88.1470, 4.0800, 3.1520



54.8800, 72.6610, 54.3330



10.7510, 14.3030, 10.6150

Inverse Universe

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



111.9710, 52.8110, 39.6190



125.1850, 82.2880, 61.5840



147.9190, -66.3400, -20.1960



88.1470, 4.0800, 3.1520



54.8800, 72.6610, 54.3330



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 111.9710, 52.8110, 39.6190 looks on a white background.

Color Contrast Check

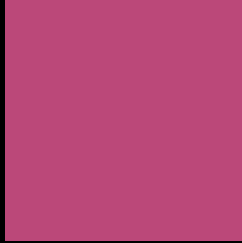
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.9710, 52.8110, 39.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

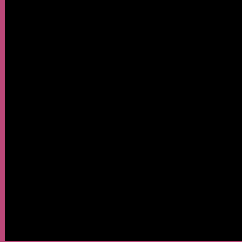
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.9710, 52.8110, 39.6190

Background



This preview shows how black text looks on a background with the YIQ color 111.9710, 52.8110, 39.6190.



This preview shows how white text looks on a background with the YIQ color 111.9710, 52.8110,

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

111.9710, 52.8110, 39.6190

Protanopia

114.4840, -15.6820, 8.8780

Deuteranopia

114.7560, 6.7390, 4.5230



Tritanopia

111.6660, 60.3790, 23.6030

Trichromacy



Original Color

111.9710, 52.8110, 39.6190

Protanomaly

113.6230, 9.2120, 20.2840

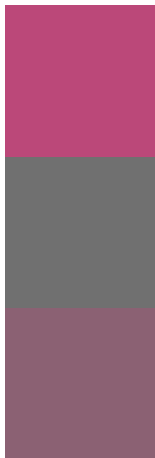
Deuteranomaly

113.6430, 23.6550, 17.3430

Tritanomaly

111.6860, 57.6270, 29.4270

Monochromacy



Original Color

111.9710, 52.8110, 39.6190

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6100, 19.2540, 14.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.9710, 52.8110, 39.6190 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(187, 72, 121)` looks like.

```
.text, #text, p{  
    color:rgb(187, 72, 121)  
}
```

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(187, 72, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 72, 121) }
```

Border

The CSS property to change the border of an element to YIQ 111.9710, 52.8110, 39.6190 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(187, 72, 121) }
```


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

```
.border{ border-color:rgb(187, 72, 121) }
```

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

Here you see how a box with a 4 pixel rgb(187, 72, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 72, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 72, 121);  
box-shadow:4px 4px 4px 4px rgb(187, 72,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 111.9710, 52.8110, 39.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 72, 121) }
```

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

```
.background{ background-color: rgb(187, 72,  
121) }
```

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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