

Converting Colors

YIQ(110.8470, 51.0650, 60.2570)

Have a look what the booklet for
YIQ(110.8470, 51.0650, 60.2570)
contains.

YIQ(110.8470, 51.0650, 60.2570)	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(110.8470, 51.0650,
60.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	C53A9D
RGB	197, 58, 157
RGB Percent	77%, 23%, 62%
CMY	0.2271, 0.7727, 0.3842
CMYK	0.00, 0.71, 0.20, 0.23
HSL	317°, 55%, 50%
HSV	317°, 71%, 77%
XYZ	30.6508, 17.3395, 33.6441
YIQ	110.8470, 51.0650, 60.2570

Conversions

Conversions Part 2

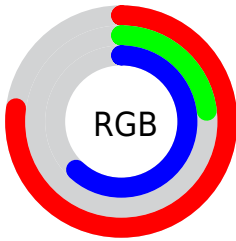
Format	Color
R_{YB}	197, 58, 157
Decimal	12925597
CIE _{Lab}	48.68, 64.06, -23.69
CIE _{LCh}	49, 68.300, 339.709
Yxy	17.3395, 0.3755, 0.2124
Android (android.graphics.Color)	4291115677 (0xFFC53A9D)
YUV	110.8470, 22.7534, 75.5562
Hunter-Lab	41.6407, 58.5187, -18.7555

Details

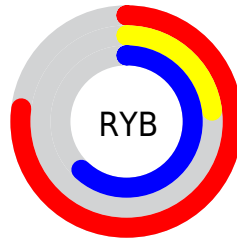
The YIQ color **110.8470, 51.0650, 60.2570** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **144.1530, -51.0650, -60.2570**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5050, 52.0280, 59.3240**, and **53.5310, 49.1390, 62.1230** is the 20% darker color. If you saturate the color by 10%, you get **98.4230, 58.4910, 68.8510**, and if you desaturate by 10%, it is **123.2710, 43.6390, 51.6630**.

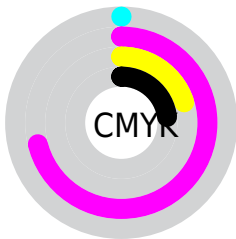
Distribution



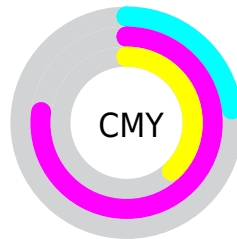
- Red (77%)
- Green (23%)
- Blue (62%)



- Red (77%)
- Yellow (23%)
- Blue (62%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.8470, 51.0650, 60.2570 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 110.8470, 51.0650, 60.2570 by changing the saturation by 10% instead.


 110.8470, 51.0650,
60.2570

 110.8470, 51.0650,
60.2570


255.0000, -0.0000,
-0.0000


 77.4930, 52.3020,
65.3740


 168.5050, 52.0280,
59.3240


 53.5310, 49.1390,
62.1230


 188.7200, 35.0650,
52.8650


 42.4230, 40.1550,
48.7230


 206.8660, 22.5500,
42.8860

 31.4290, 30.8500,
35.6340

 223.8890, 14.5750,
27.7190

 21.4460, 23.0120,
23.4920

 240.9120, 6.6000,
12.5520

 9.0280, 11.9650,
8.9330

 0.0000, 0.0000,

0.0000

■ 110.8470, 51.0650,
60.2570

■ 110.8470, 51.0650,
60.2570

■ 98.4230, 58.4910,
68.8510

■ 123.2710, 43.6390,
51.6630

■ 86.7000, 65.3210,
77.2330

■ 134.9940, 36.8090,
43.2810

■ 74.8630, 72.4720,
85.3040

■ 147.4180, 29.3830,
34.6870

■ 159.8420, 21.9570,
26.0930

■ 172.1520, 14.8520,
17.1880

■ 183.9890, 7.7010,
9.1170

■ 196.4130, 0.2750,
0.5230

■ 208.7230, -6.8300,
-8.3820

■ 220.5600,
-13.9810, -16.4530

Harmonies

Analogous

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



117.8750, -8.0320, 46.4640



110.8470, 51.0650, 60.2570



101.6980, 84.8570, 53.5690

Triad

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



110.8470, 51.0650, 60.2570



106.6300, 40.5830, -36.1610



103.7260, -99.1690, -14.4410

Complementary

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



110.8470, 51.0650, 60.2570



144.1530, -51.0650, -60.2570

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.



98.0430, -81.7890, -32.0690



110.8470, 51.0650, 60.2570



94.2280, -2.9240, -57.1640

Square

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



110.8470, 51.0650, 60.2570



108.6550, 74.9660, -15.0020



89.3280, -61.3830, -49.4710



103.7210, -108.8000, 0.4160

Rectangle

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



110.8470, 51.0650, 60.2570



104.7900, 89.6290, 33.1570



89.3280, -61.3830, -49.4710



102.3750, -93.9870, -20.2510

Sweetspot

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



110.8470, 51.0650, 60.2570



221.5920, 19.6650, 23.5770



85.5070, -21.3750, 51.4970



108.0760, 12.0100, 13.6260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



110.8470, 51.0650, 60.2570



120.5530, 79.5770, 94.2090



102.9810, 73.2140, 38.7980



93.4890, 3.1170, 4.0850



61.9610, 59.9120, 70.6320



13.6140, 13.4310, 15.4070

Inverse Universe

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



110.8470, 51.0650, 60.2570



120.5530, 79.5770, 94.2090



152.0190, -73.2140, -38.7980



93.4890, 3.1170, 4.0850



61.9610, 59.9120, 70.6320



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 110.8470, 51.0650, 60.2570 looks on a white background.

Color Contrast Check

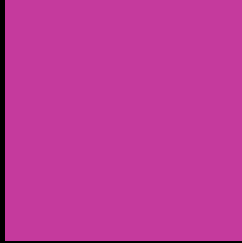
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8470, 51.0650, 60.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

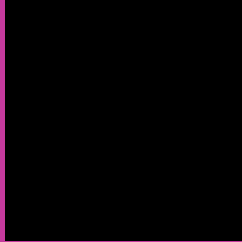
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 110.8470, 51.0650, 60.2570

Background



This preview shows how black text looks on a background with the YIQ color 110.8470, 51.0650, 60.2570.



This preview shows how white text looks on a background with the YIQ color 110.8470, 51.0650,

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

110.8470, 51.0650, 60.2570

Protanopia

112.8550, -49.9790, 19.2130

Deuteranopia

116.7940, -13.6190, 10.0370



Tritanopia

113.1720, 64.8260, 25.6100

Trichromacy



Original Color

110.8470, 51.0650, 60.2570



Protanomaly

112.4470, -13.1190, 34.0250



Deuteranomaly

114.9640, 9.9900, 28.2140



Tritanomaly

112.0380, 59.8720, 38.3040

Monochromacy



Original Color

110.8470, 51.0650, 60.2570



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.0540, 18.2440, 21.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8470, 51.0650, 60.2570 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(197, 58, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 58, 157)  
}
```

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(197, 58, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 58, 157) }
```

Border

The CSS property to change the border of an element to YIQ 110.8470, 51.0650, 60.2570 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(197, 58, 157) }
```


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

```
.border{ border-color:rgb(197, 58, 157) }
```

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

Here you see how a box with a 4 pixel rgb(197, 58, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 58, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 58, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 58,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8470, 51.0650, 60.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 58, 157) }
```

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

```
.background{ background-color: rgb(197, 58,  
157) }
```

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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