

Converting Colors

YIQ(110.8190, 65.4630, 52.6230)

Have a look what the booklet for
YIQ(110.8190, 65.4630, 52.6230)
contains.

YIQ(110.8190, 65.4630, 52.6230)	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(110.8190, 65.4630,
52.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	CE3B80
RGB	206, 59, 128
RGB Percent	81%, 23%, 50%
CMY	0.1918, 0.7688, 0.4978
CMYK	0.00, 0.71, 0.38, 0.19
HSL	332°, 60%, 52%
HSV	332°, 71%, 81%
XYZ	30.9420, 17.8176, 22.2486
YIQ	110.8190, 65.4630, 52.6230

Conversions

Conversions Part 2

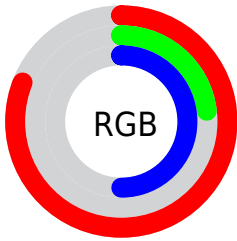
Format	Color
RYB	206, 59, 128
Decimal	13515648
CIELab	49.27, 62.60, -5.26
CIELCh	49, 62.825, 355.199
Yxy	17.8176, 0.4358, 0.2509
Android (android.graphics.Color)	4291705728 (0xFFCE3B80)
YUV	110.8190, 8.4702, 83.4737
Hunter-Lab	42.2110, 56.9769, -1.7029

Details

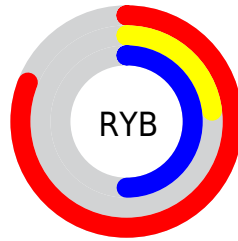
The YIQ color **110.8190, 65.4630, 52.6230** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **154.1810, -65.4630, -52.6230**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5580, 61.7040, 49.1600**, and **52.9590, 62.2530, 55.7330** is the 20% darker color. If you saturate the color by 10%, you get **97.2380, 74.7690, 60.1850**, and if you desaturate by 10%, it is **124.4000, 56.1570, 45.0610**.

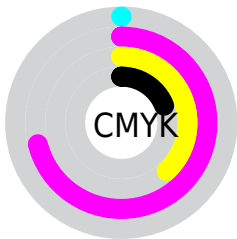
Distribution



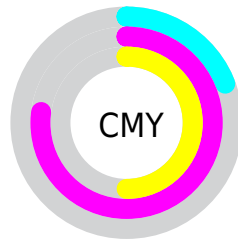
- Red (81%)
- Green (23%)
- Blue (50%)



- Red (81%)
- Yellow (23%)
- Blue (50%)



- Cyan (0%)
- Magenta (71%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (77%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8190, 65.4630, 52.6230 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 110.8190, 65.4630, 52.6230 by changing the saturation by 10% instead.

■ 110.8190, 65.4630,
52.6230

■ 110.8190, 65.4630,
52.6230

255.0000, -0.0000,
-0.0000

■ 77.2800, 65.7830,
57.8390

■ 165.5580, 61.7040,
49.1600

■ 52.9590, 62.2530,
55.7330

■ 185.6590, 45.0620,
42.3900

■ 41.6660, 52.3520,
42.4320

■ 205.4010, 28.0530,
36.7650

■ 30.6010, 41.8090,
29.7530

■ 224.4760, 14.3000,
27.1960

■ 20.6180, 33.9710,
17.6110

■ 242.0860, 6.0500,
11.5060

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,

0.0000

■ 110.8190, 65.4630,
52.6230

■ 110.8190, 65.4630,
52.6230

■ 97.2380, 74.7690,
60.1850

■ 124.4000, 56.1570,
45.0610

■ 84.2440, 83.8000,
67.2240

■ 137.3940, 47.1260,
38.0220

■ 72.6520, 91.6390,
73.8390

■ 150.9750, 37.8200,
30.4600

■ 163.9690, 28.7890,
23.4210

■ 177.5500, 19.4830,
15.8590

■ 191.1310, 10.1770,
8.2970

■ 204.1250, 1.1460,
1.2580

■ 217.7060, -8.1600,
-6.3040

■ 230.5860,
-16.8700, -13.6540

Harmonies

Analogous

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



118.7940, 23.0530, 50.2930



110.8190, 65.4630, 52.6230



109.1960, 82.6140, 33.6380

Triad

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



110.8190, 65.4630, 52.6230



103.8510, 23.4830, -45.6450



103.6750, -103.1590, -8.2070

Complementary

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



110.8190, 65.4630, 52.6230



154.1810, -65.4630, -52.6230

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.



101.1210, -90.4560, -23.6720



110.8190, 65.4630, 52.6230



85.6460, -53.7710, -55.2670

Square

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



110.8190, 65.4630, 52.6230



109.9960, 57.4080, -27.2000



94.3780, -72.8470, -39.9430



99.4980, -106.5540, 3.7660

Rectangle

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



110.8190, 65.4630, 52.6230



111.2380, 81.6550, 12.4630



94.3780, -72.8470, -39.9430



103.4810, -99.8570, -12.9850

Sweetspot

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



110.8190, 65.4630, 52.6230



220.1100, 23.8380, 19.5340



98.4820, -1.8910, 61.8290



107.2780, 14.2570, 11.4490



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.



110.8190, 65.4630, 52.6230



113.2230, 97.4610, 78.4610



104.1270, 87.0620, 30.1180



95.5600, 4.3550, 3.6750



58.5260, 73.8980, 59.4500



13.4140, 16.8700, 13.6540

Inverse Universe

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



110.8190, 65.4630, 52.6230



113.2230, 97.4610, 78.4610



160.8730, -87.0620, -30.1180



95.5600, 4.3550, 3.6750



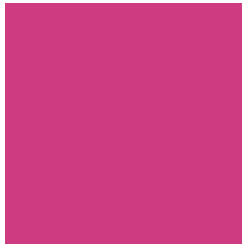
58.5260, 73.8980, 59.4500



13.4140, 16.8700, 13.6540

Previews

White Background



This preview shows how the YIQ color 110.8190, 65.4630, 52.6230 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 110.8190, 65.4630, 52.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

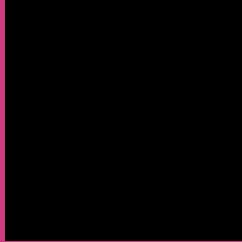
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 110.8190, 65.4630, 52.6230

Background



This preview shows how black text looks on a background with the YIQ color 110.8190, 65.4630, 52.6230.



This preview shows how white text looks on a background with the YIQ color 110.8190, 65.4630,

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

110.8190, 65.4630, 52.6230

Protanopia

117.6990, -23.4770, 12.4830

Deuteranopia

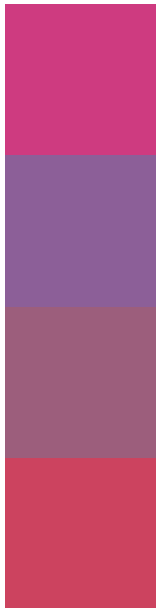
118.9840, 6.0970, 5.1450



Tritanopia

111.6250, 76.7920, 29.0160

Trichromacy



Original Color

110.8190, 65.4630, 52.6230

Protanomaly

114.9530, 8.5230, 27.2670

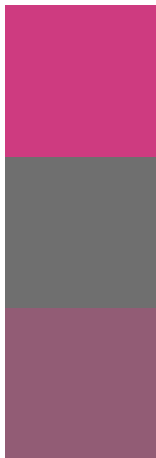
Deuteranomaly

115.9580, 27.3220, 22.4740

Tritanomaly

111.1550, 72.6640, 37.7520

Monochromacy



Original Color

110.8190, 65.4630, 52.6230

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9960, 24.1590, 19.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8190, 65.4630, 52.6230 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(206, 59, 128)` looks like.

```
.text, #text, p{  
    color:rgb(206, 59, 128)  
}
```

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(206, 59, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 59, 128) }
```

Border

The CSS property to change the border of an element to YIQ 110.8190, 65.4630, 52.6230 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(206, 59, 128) }
```


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

```
.border{ border-color:rgb(206, 59, 128) }
```

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

Here you see how a box with a 4 pixel rgb(206, 59, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 59, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 59, 128);  
box-shadow:4px 4px 4px 4px rgb(206, 59,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8190, 65.4630, 52.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 59, 128) }
```

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

```
.background{ background-color: rgb(206, 59,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor