

Converting Colors

YIQ(106.7100, 50.1930, 65.0490)

Have a look what the booklet for
YIQ(106.7100, 50.1930, 65.0490)
contains.

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Color

**YIQ(106.7100, 50.1930,
65.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	C333A2
RGB	195, 51, 162
RGB Percent	76%, 20%, 64%
CMY	0.2349, 0.8002, 0.3646
CMYK	0.00, 0.74, 0.17, 0.23
HSL	314°, 59%, 48%
HSV	314°, 74%, 77%
XYZ	30.2382, 16.5881, 35.8040
YIQ	106.7100, 50.1930, 65.0490

Conversions

Conversions Part 2

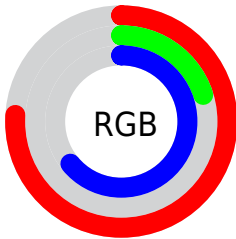
Format	Color
R_{YB}	195, 51, 162
Decimal	12792738
CIE _{Lab}	47.74, 66.60, -28.15
CIE _{LCh}	48, 72.309, 337.086
Yxy	16.5881, 0.3659, 0.2008
Android (android.graphics.Color)	4290982818 (0xFFC333A2)
YUV	106.7100, 27.2580, 77.4303
Hunter-Lab	40.7286, 61.2491, -23.6111

Details

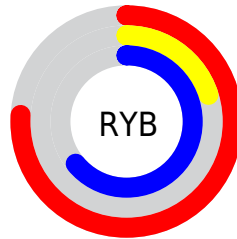
The YIQ color **106.7100, 50.1930, 65.0490** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **139.2900, -50.1930, -65.0490**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.1400, 51.7980, 63.4940**, and **53.5030, 46.3420, 63.2540** is the 20% darker color. If you saturate the color by 10%, you get **94.5140, 56.9770, 74.2650**, and if you desaturate by 10%, it is **118.4330, 43.3630, 56.6670**.

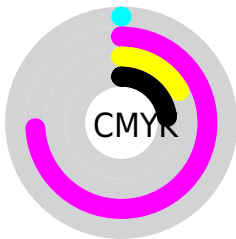
Distribution



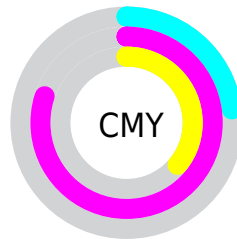
- Red (76%)
- Green (20%)
- Blue (64%)



- Red (76%)
- Yellow (20%)
- Blue (64%)



- Cyan (0%)
- Magenta (74%)
- Yellow (17%)
- Black (23%)





- Cyan (23%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.7100, 50.1930, 65.0490 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 106.7100, 50.1930, 65.0490 by changing the saturation by 10% instead.


 106.7100, 50.1930,
65.0490


 106.7100, 50.1930,
65.0490


255.0000, -0.0000,
-0.0000


 66.8990, 54.4550,
75.9190


 166.1400, 51.7980,
63.4940


 53.5030, 46.3420,
63.2540


 186.4690, 34.5140,
57.3460

 42.2810, 37.6790,
49.5430


 203.9310, 23.9250,
45.5010

 31.2870, 28.3740,
36.4540

 220.9540, 15.9500,
30.3340

 21.3040, 20.5360,
24.3120

 238.5640, 7.7000,
14.6440

 8.7010, 8.5720,
9.8520

 0.0000, 0.0000,

0.0000

■ 106.7100, 50.1930,
65.0490

■ 106.7100, 50.1930,
65.0490

■ 94.5140, 56.9770,
74.2650

■ 118.4330, 43.3630,
56.6670

■ 82.7910, 63.8070,
82.6470

■ 130.6290, 36.5790,
47.4510

■ 75.4050, 68.0700,
87.9900

■ 142.2380, 30.0700,
38.7580

■ 154.5480, 22.9650,
29.8530

■ 166.7440, 16.1810,
20.6370

■ 178.4670, 9.3510,
12.2550

■ 190.6630, 2.5670,
3.0390

■ 202.3860, -4.2630,
-5.3430

■ 214.5820,
-11.0470, -14.5590

Harmonies

Analogous

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



114.9820, -15.6430, 46.7330



106.7100, 50.1930, 65.0490



92.0720, 90.0360, 64.3400

Triad

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



106.7100, 50.1930, 65.0490



105.4670, 42.6000, -34.1680



102.7970, -97.9310, -14.8510

Complementary

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



106.7100, 50.1930, 65.0490



139.2900, -50.1930, -65.0490

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.



96.0710, -78.9920, -33.2000



106.7100, 50.1930, 65.0490



92.4670, -2.0990, -55.5950

Square

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



106.7100, 50.1930, 65.0490



106.0300, 78.4040, -11.2280



86.9000, -57.3020, -51.8460



103.2480, -108.8460, 1.2500

Rectangle

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



106.7100, 50.1930, 65.0490



97.4690, 95.2670, 41.1150



86.9000, -57.3020, -51.8460



100.7450, -92.1530, -20.4490

Sweetspot

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



106.7100, 50.1930, 65.0490



218.3470, 18.9770, 25.0330



76.6850, -27.7480, 51.3560



107.1300, 11.9180, 15.2940



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.



106.7100, 50.1930, 65.0490



114.6980, 77.9710, 101.2910



98.7300, 72.6630, 43.2790



90.9020, 3.3920, 4.6080



62.2750, 56.1520, 72.6960



12.8310, 11.3220, 15.0820

Inverse Universe

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



106.7100, 50.1930, 65.0490



114.6980, 77.9710, 101.2910



147.2700, -72.6630, -43.2790



90.9020, 3.3920, 4.6080



62.2750, 56.1520, 72.6960



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 106.7100, 50.1930, 65.0490 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 106.7100, 50.1930, 65.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

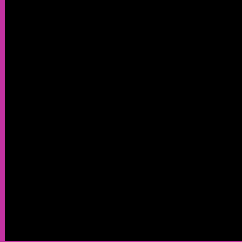
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.7100, 50.1930, 65.0490

Background



This preview shows how black text looks on a background with the YIQ color 106.7100, 50.1930, 65.0490.



This preview shows how white text looks on a background with the YIQ color 106.7100, 50.1930,

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

106.7100, 50.1930, 65.0490

Protanopia

107.8630, -61.6250, 21.0230

Deuteranopia

113.9830, -18.5250, 10.8430



Tritanopia

110.7590, 64.5510, 25.0870

Trichromacy



Original Color

106.7100, 50.1930, 65.0490



Protanomaly

107.2490, -21.1890, 37.1070



Deuteranomaly

111.2780, 6.2300, 30.2780



Tritanomaly

109.6790, 59.5050, 39.4490

Monochromacy



Original Color

106.7100, 50.1930, 65.0490



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

107.1080, 18.1520, 23.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7100, 50.1930, 65.0490 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(195, 51, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 51, 162)  
}
```

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(195, 51, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 51, 162) }
```

Border

The CSS property to change the border of an element to YIQ 106.7100, 50.1930, 65.0490 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(195, 51, 162) }
```


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

```
.border{ border-color:rgb(195, 51, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 51, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 51, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 51, 162); box-shadow:4px 4px 4px 4px rgb(195, 51, 162) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7100, 50.1930, 65.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 51, 162) }
```

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

```
.background{ background-color: rgb(195, 51,  
162) }
```

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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