

Converting Colors

YIQ(100.9350, 45.6060, 76.5980)

Have a look what the booklet for
YIQ(100.9350, 45.6060, 76.5980)
contains.

YIQ(100.9350, 45.6060, 76.5980)	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>	30

Color

**YIQ(100.9350, 45.6060,
76.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	C027B5
RGB	192, 39, 181
RGB Percent	75%, 15%, 71%
CMY	0.2466, 0.8473, 0.2901
CMYK	0.00, 0.80, 0.06, 0.25
HSL	304°, 66%, 45%
HSV	304°, 80%, 75%
XYZ	30.8332, 16.0053, 45.1900
YIQ	100.9350, 45.6060, 76.5980

Conversions

Conversions Part 2

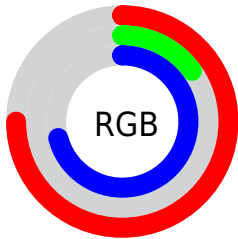
Format	Color
R_{YB}	192, 39, 181
Decimal	12593077
CIE _{Lab}	46.98, 72.08, -40.60
CIE _{LCh}	47, 82.729, 330.613
Yxy	16.0053, 0.3350, 0.1739
Android (android.graphics.Color)	4290783157 (0xFFC027B5)
YUV	100.9350, 39.4720, 79.8640
Hunter-Lab	40.0066, 67.5588, -38.9672

Details

The YIQ color **100.9350, 45.6060, 76.5980** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **130.0650, -45.6060, -76.5980**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8270, 45.7900, 73.2620**, and **54.5440, 39.0970, 67.9050** is the 20% darker color. If you saturate the color by 10%, you get **89.6680, 51.1520, 86.2240**, and if you desaturate by 10%, it is **112.2020, 40.0600, 66.9720**.

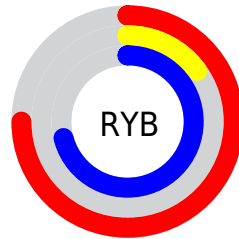
Distribution



Red (75%)

Green (15%)

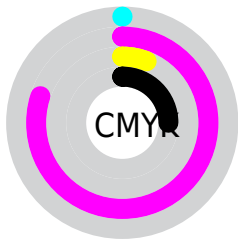
Blue (71%)



Red (75%)

Yellow (15%)

Blue (71%)

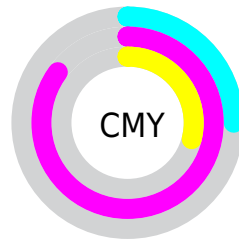


Cyan (0%)

Magenta (80%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (85%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.9350, 45.6060, 76.5980 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 100.9350, 45.6060, 76.5980 by changing the saturation by 10% instead.


 100.9350, 45.6060,
76.5980


 100.9350, 45.6060,
76.5980


255.0000, -0.0000,
-0.0000


 66.2930, 47.7140,
82.4500


 162.8270, 45.7900,
73.2620


 54.5440, 39.0970,
67.9050


 183.3860, 33.5500,
63.8060

 43.3220, 30.4340,
54.1940


 200.4090, 25.5750,
48.6390

 32.1000, 21.7710,
40.4830

 217.4320, 17.6000,
33.4720

 21.7040, 13.6580,
27.8180

 234.4550, 9.6250,
18.3050

 8.9160, 0.7770,
13.4570

 252.0650, 1.3750,

 0.2280, -0.6420,

2.6150

0.6220

■ 0.0000, 0.0000,
0.0000

■ 100.9350, 45.6060,
76.5980

■ 100.9350, 45.6060,
76.5980

■ 89.6680, 51.1520,
86.2240

■ 112.2020, 40.0600,
66.9720

■ 78.2870, 57.0190,
95.5390

■ 123.5830, 34.1930,
57.6570

■ 77.7000, 57.2940,
96.0620

■ 135.4370, 28.3720,
47.5080

■ 146.8180, 22.5050,
38.1930

■ 158.0850, 16.9590,
28.5670

■ 169.3520, 11.4130,
18.9410

■ 180.7330, 5.5460,
9.6260

■ 192.5870, -0.2750,
-0.5230

■ 203.9680, -6.1420,
-9.8380

Harmonies

Analogous

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



109.5690, -42.2810, 44.9110



100.9350, 45.6060, 76.5980



80.4560, 98.4230, 83.0550

Triad

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



100.9350, 45.6060, 76.5980



104.3480, 50.4850, -28.3870



102.8140, -96.6010, -16.9290

Complementary

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



100.9350, 45.6060, 76.5980



130.0650, -45.6060, -76.5980

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.



94.2470, -73.8560, -38.1760



100.9350, 45.6060, 76.5980



93.0870, 2.0270, -53.2770

Square

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



100.9350, 45.6060, 76.5980



101.6990, 90.0020, -1.1500



83.1210, -48.0390, -60.0310



105.9210, -112.2390, 2.1690

Rectangle

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



100.9350, 45.6060, 76.5980



75.6250, 113.4640, 69.2720



83.1210, -48.0390, -60.0310



100.3060, -89.5390, -23.7710

Sweetspot

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



100.9350, 45.6060, 76.5980



214.3240, 17.7840, 30.1360



59.4320, -43.1530, 49.7030



103.5260, 10.8630, 17.8950



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.



100.9350, 45.6060, 76.5980



107.1820, 71.4570, 120.2330



92.2710, 70.0020, 52.9620



91.0160, 3.0710, 4.9190



65.1250, 48.1270, 80.4710



13.4010, 9.7170, 16.6370

Inverse Universe

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



100.9350, 45.6060, 76.5980



107.1820, 71.4570, 120.2330



138.7290, -70.0020, -52.9620



91.0160, 3.0710, 4.9190



65.1250, 48.1270, 80.4710



13.4010, 9.7170, 16.6370

Previews

White Background



This preview shows how the YIQ color 100.9350, 45.6060, 76.5980 looks on a white background.

Color Contrast Check

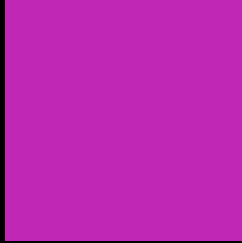
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9350, 45.6060, 76.5980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

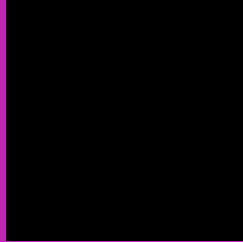
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.9350, 45.6060, 76.5980

Background



This preview shows how black text looks on a background with the YIQ color 100.9350, 45.6060, 76.5980.



This preview shows how white text looks on a background with the YIQ color 100.9350, 45.6060,

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

100.9350, 45.6060, 76.5980

Deuteranopia

110.3540, -35.6270, 12.4130

Tritanopia

109.6660, 60.3790, 23.6030

Trichromacy



Original Color

100.9350, 45.6060, 76.5980

Deuteranomaly

106.6220, -6.2420, 36.0460

Tritanomaly

106.7480, 55.0570, 42.9690

Monochromacy



Original Color

100.9350, 45.6060, 76.5980

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.6720, 16.6840, 28.0440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.9350, 45.6060, 76.5980 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(192, 39, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 39, 181)  
}
```

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(192, 39, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 39, 181) }
```

Border

The CSS property to change the border of an element to YIQ 100.9350, 45.6060, 76.5980 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(192, 39, 181) }
```

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

```
.border{ border-color:rgb(192, 39, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 39, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 39, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 39, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 39,  
181) }
```


Background

The CSS property to change the background color of an element to YIQ 100.9350, 45.6060, 76.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 39, 181) }
```

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

```
.background{ background-color: rgb(192, 39,  
181) }
```

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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