

Converting Colors

YIQ(89.2060, 52.5730, 88.0050)

Have a look what the booklet for
YIQ(89.2060, 52.5730, 88.0050)
contains.

YIQ(89.2060, 52.5730, 88.0050)	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(89.2060, 52.5730,
88.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	C212B5
RGB	194, 18, 181
RGB Percent	76%, 7%, 71%
CMY	0.2387, 0.9296, 0.2901
CMYK	0.00, 0.91, 0.07, 0.24
HSL	304°, 83%, 42%
HSV	304°, 91%, 76%
XYZ	30.8400, 15.2542, 45.0463
YIQ	89.2060, 52.5730, 88.0050

Conversions

Conversions Part 2

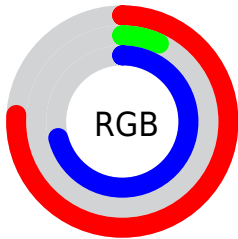
Format	Color
RYB	194, 18, 181
Decimal	12718773
CIELab	45.98, 76.42, -42.16
CIELCh	46, 87.283, 331.114
Yxy	15.2542, 0.3384, 0.1674
Android (android.graphics.Color)	4290908853 (0xFFC212B5)
YUV	89.2060, 45.2544, 91.9043
Hunter-Lab	39.0566, 72.5985, -41.0430

Details

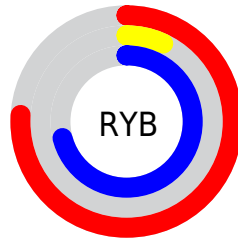
The YIQ color **89.2060, 52.5730, 88.0050** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **122.7940, -52.5730, -88.0050**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.1420, 49.4570, 78.3930**, and **55.1420, 40.2890, 68.3290** is the 20% darker color. If you saturate the color by 10%, you get **78.5260, 57.8440, 97.1080**, and if you desaturate by 10%, it is **100.4730, 47.0270, 78.3790**.

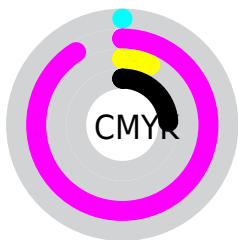
Distribution



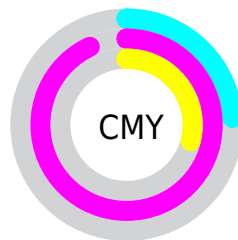
- Red (76%)
- Green (7%)
- Blue (71%)



- Red (76%)
- Yellow (7%)
- Blue (71%)



- Cyan (0%)
- Magenta (91%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.2060, 52.5730, 88.0050 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 89.2060, 52.5730, 88.0050 by changing the saturation by 10% instead.

89.2060, 52.5730,
88.0050

89.2060, 52.5730,
88.0050

255.0000, -0.0000,
-0.0000

66.8910, 48.9060,
82.8740

158.1420, 49.4570,
78.3930

55.1420, 40.2890,
68.3290

178.1030, 36.0250,
68.5130

43.6210, 31.0300,
54.4060

195.7130, 27.7750,
52.8230

32.3990, 22.3670,
40.6950

212.7360, 19.8000,
37.6560

21.7040, 13.6580,
27.8180

230.3460, 11.5500,
21.9660

8.9160, 0.7770,
13.4570

247.9560, 3.3000,

0.2280, -0.6420,

6.2760

0.6220

■ 0.0000, 0.0000,
0.0000

■ 89.2060, 52.5730,
88.0050

■ 89.2060, 52.5730,
88.0050

■ 78.5260, 57.8440,
97.1080

■ 100.4730, 47.0270,
78.3790

■ 112.4410, 40.8850,
68.5410

■ 123.7080, 35.3390,
58.9150

■ 135.6760, 29.1970,
49.0770

■ 146.9430, 23.6510,
39.4510

■ 158.3240, 17.7840,
30.1360

■ 170.1780, 11.9630,
19.9870

■ 181.5590, 6.0960,
10.6720

■ 193.4130, 0.2750,
0.5230

Harmonies

Analogous

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



105.8940, -44.5740, 47.9220



89.2060, 52.5730, 88.0050



81.0110, 101.1740, 82.7580

Triad

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



89.2060, 52.5730, 88.0050



101.9780, 48.6510, -28.1890



101.9820, -97.0140, -14.9500

Complementary

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



89.2060, 52.5730, 88.0050



122.7940, -52.5730, -88.0050

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.



92.9590, -72.9850, -37.4410



89.2060, 52.5730, 88.0050



88.6240, -3.9790, -54.5630

Square

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



89.2060, 52.5730, 88.0050



99.0520, 90.5060, 0.7300



81.7360, -45.5170, -61.6850



105.9040, -113.5690, 4.2470

Rectangle

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



89.2060, 52.5730, 88.0050



75.5390, 116.5820, 67.8300



81.7360, -45.5170, -61.6850



99.2460, -89.3100, -22.4140

Sweetspot

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



89.2060, 52.5730, 88.0050



211.5140, 20.3050, 34.0090



41.6520, -49.3440, 57.2800



103.4770, 12.5590, 20.1990



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.



89.2060, 52.5730, 88.0050



102.0240, 75.0780, 126.1980



79.2880, 80.5000, 60.9480



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.



89.2060, 52.5730, 88.0050



102.0240, 75.0780, 126.1980



132.7120, -80.5000, -60.9480



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 89.2060, 52.5730, 88.0050 looks on a white background.

Color Contrast Check

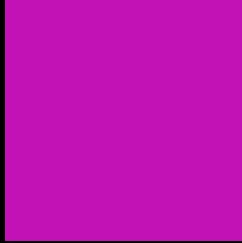
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2060, 52.5730, 88.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

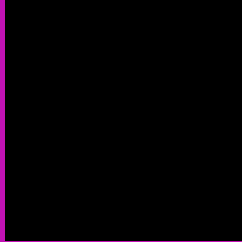
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.2060, 52.5730, 88.0050

Background



This preview shows how black text looks on a background with the YIQ color 89.2060, 52.5730, 88.0050.



This preview shows how white text looks on a background with the YIQ color 89.2060, 52.5730,

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

89.2060, 52.5730, 88.0050

Protanopia

87.8720, -101.3750, 14.5370

Deuteranopia

107.5710, -37.7360, 12.0880



Tritanopia

106.0580, 65.1470, 25.2990

Trichromacy



Original Color

89.2060, 52.5730, 88.0050



Protanomaly

88.4930, -45.1230, 41.3490



Deuteranomaly

101.2140, -4.9130, 39.4950



Tritanomaly

99.8460, 60.8330, 48.4250

Monochromacy



Original Color

89.2060, 52.5730, 88.0050



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

88.8620, 19.2050, 31.9170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2060, 52.5730, 88.0050 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(194, 18, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 18, 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(194, 18, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 18, 181) }
```

Border

The CSS property to change the border of an element to YIQ 89.2060, 52.5730, 88.0050 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(194, 18, 181) }
```


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

```
.border{ border-color:rgb(194, 18, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 18, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 18, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 18, 181);  
box-shadow:4px 4px 4px 4px rgb(194, 18,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 89.2060, 52.5730, 88.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 18, 181) }
```

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

```
.background{ background-color: rgb(194, 18,  
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](#).

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