

Converting Colors

YIQ(160.6580, 11.2720, 38.0240)

Have a look what the booklet for
YIQ(160.6580, 11.2720, 38.0240)
contains.

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Color

**YIQ(160.6580, 11.2720,
38.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	C385D5
RGB	195, 133, 213
RGB Percent	76%, 52%, 84%
CMY	0.2351, 0.4785, 0.1647
CMYK	0.08, 0.38, 0.00, 0.16
HSL	287°, 49%, 68%
HSV	287°, 38%, 84%
XYZ	42.9124, 33.1807, 67.0906
YIQ	160.6580, 11.2720, 38.0240

Conversions

Conversions Part 2

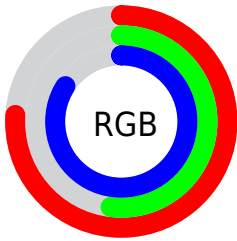
Format	Color
RYB	195, 133, 213
Decimal	12813781
CIELab	64.31, 37.43, -31.73
CIElCh	64, 49.065, 319.709
Yxy	33.1807, 0.2997, 0.2317
Android (android.graphics.Color)	4291003861 (0xFFC385D5)
YUV	160.6580, 25.8046, 30.1179
Hunter-Lab	57.6027, 32.1728, -28.7341

Details

The YIQ color **160.6580, 11.2720, 38.0240** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **185.3420, -11.2720, -38.0240**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.4860, 17.5080, 35.1400**, and **108.0060, 10.1720, 35.9320** is the 20% darker color. If you saturate the color by 10%, you get **146.8360, 14.0670, 47.9470**, and if you desaturate by 10%, it is **174.4800, 8.4770, 28.1010**.

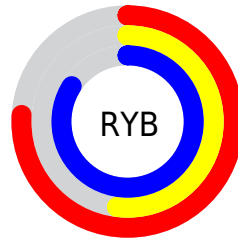
Distribution



Red (76%)

Green (52%)

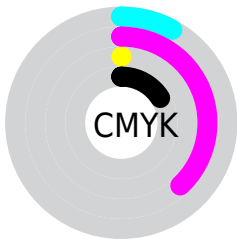
Blue (84%)



Red (76%)

Yellow (52%)

Blue (84%)

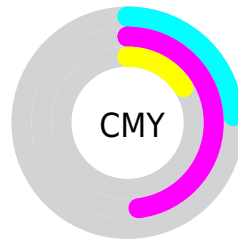


Cyan (8%)

Magenta (38%)

Yellow (0%)

Black (16%)



Cyan (24%)


Magenta (48%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 160.6580, 11.2720, 38.0240 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 160.6580, 11.2720, 38.0240 by changing the saturation by 10% instead.

 160.6580, 11.2720,
38.0240


 160.6580, 11.2720,
38.0240

255.0000, -0.0000,
-0.0000

 133.8320, 10.7220,
36.9780


 214.4860, 17.5080,
35.1400


 108.0060, 10.1720,
35.9320


 231.5200, 11.0000,
20.9200

 82.5930, 9.8970,
35.4090

 248.5430, 3.0250,
5.7530

 57.7670, 9.3470,
34.3630

 31.7070, 9.5760,
35.7200

 18.2730, 4.6260,
26.3060

 5.8980, -7.9800,

12.4680

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 160.6580, 11.2720,
38.0240

■ 160.6580, 11.2720,
38.0240

■ 146.8360, 14.0670,
47.9470

■ 174.4800, 8.4770,
28.1010

■ 132.4270, 17.1370,
58.3930

■ 188.8890, 5.4070,
17.6550

■ 118.9040, 20.5280,
68.5280

■ 202.4120, 2.0160,
7.5200

■ 105.0820, 23.3230,
78.4510

■ 216.2340, -0.7790,
-2.4030

■ 90.6730, 26.3930,
88.8970

■ 230.0560, -3.5740,
-12.3260

■ 76.8510, 29.1880,
98.8200

■ 240.9430, -4.9940,
-19.6340

■ 73.6170, 29.9670,
101.2230

■ 242.1390, -2.6100,
-18.7860

■ 243.6340, 0.3700,
-17.7260

■ 245.1290, 3.3500,
-16.6660

Harmonies

Analogous

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



155.2480, -37.7840, 23.9760



160.6580, 11.2720, 38.0240



158.6330, 47.9510, 39.5910

Triad

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



160.6580, 11.2720, 38.0240



152.5200, 53.4170, -15.4390



125.4620, -108.0140, -35.8700

Complementary

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



160.6580, 11.2720, 38.0240



185.3420, -11.2720, -38.0240

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.



119.7450, -93.2940, -49.3420



160.6580, 11.2720, 38.0240



148.8210, 24.1680, -30.5200

Square

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



160.6580, 11.2720, 38.0240



155.1330, 68.5890, 6.9650



142.5200, -17.6450, -38.1650



127.4460, -119.1120, -21.9600

Rectangle

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



160.6580, 11.2720, 38.0240



156.7300, 63.4950, 33.2150



142.5200, -17.6450, -38.1650



123.7520, -103.1990, -40.5350

Sweetspot

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



160.6580, 11.2720, 38.0240



236.7700, 4.1240, 13.3720



153.2730, -30.9050, 14.9430



116.8250, 2.2910, 8.0430



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.



160.6580, 11.2720, 38.0240



179.7210, 16.1290, 54.6330



163.6460, 28.7410, 35.3090



99.9450, 1.8330, 5.3290



59.2610, 24.3770, 81.3770



15.0680, 6.4610, 20.5810

Inverse Universe

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



158.9720, 41.9020, 22.5580



177.3490, 60.1940, 32.4660



182.3540, -28.7410, -35.3090



99.6310, 5.5930, 3.2650



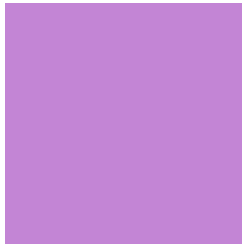
55.4610, 89.7180, 48.0700



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 160.6580, 11.2720, 38.0240 looks on a white background.

Color Contrast Check

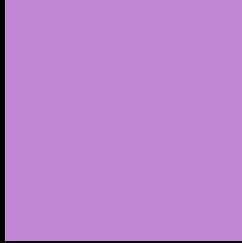
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 160.6580, 11.2720, 38.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

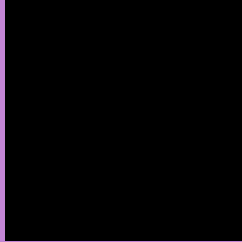
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.6580, 11.2720, 38.0240

Background



This preview shows how black text looks on a background with the YIQ color 160.6580, 11.2720, 38.0240.



This preview shows how white text looks on a background with the YIQ color 160.6580, 11.2720,

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

160.6580, 11.2720, 38.0240

Protanopia

155.6730, -37.7830, 18.4490

Deuteranopia

156.6820, -24.8070, 14.5610



Tritanopia

158.8120, 21.5010, 12.3250

Trichromacy



Original Color

160.6580, 11.2720, 38.0240



Protanomaly

157.1700, -19.9490, 25.6430



Deuteranomaly

157.7810, -11.6040, 23.0840



Tritanomaly

159.7550, 17.6480, 21.5840

Monochromacy



Original Color

160.6580, 11.2720, 38.0240



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

160.8840, 3.8030, 13.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.6580, 11.2720, 38.0240 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, 133, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 133, 213)  
}
```

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, 133, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 133, 213) }
```

Border

The CSS property to change the border of an element to YIQ 160.6580, 11.2720, 38.0240 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, 133, 213) }
```


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

```
.border{ border-color:rgb(195, 133, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 133, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 133, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 133, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 133,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 160.6580, 11.2720, 38.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 133, 213) }
```

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

```
.background{ background-color: rgb(195,  
133, 213) }
```

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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