

Converting Colors

YIQ(145.9960, 8.1050, 56.8810)

Have a look what the booklet for
YIQ(145.9960, 8.1050, 56.8810)
contains.

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Color

**YIQ(145.9960, 8.1050,
56.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6BEA
RGB	189, 107, 234
RGB Percent	74%, 42%, 92%
CMY	0.2585, 0.5805, 0.0824
CMYK	0.19, 0.54, 0.00, 0.08
HSL	279°, 75%, 67%
HSV	279°, 54%, 92%
XYZ	41.1066, 27.2756, 80.9273
YIQ	145.9960, 8.1050, 56.8810

Conversions

Conversions Part 2

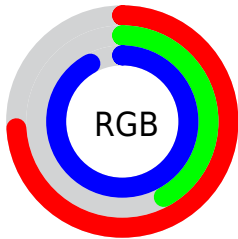
Format	Color
R _Y B	189, 107, 234
Decimal	12413930
CIE Lab	59.23, 53.86, -51.46
CIE LCh	59, 74.491, 316.304
Yxy	27.2756, 0.2753, 0.1827
Android (android.graphics.Color)	4290604010 (0xFFBD6BEA)
YUV	145.9960, 43.3860, 37.7145
Hunter-Lab	52.2260, 49.1001, -55.3152

Details

The YIQ color **145.9960, 8.1050, 56.8810** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **195.0040, -8.1050, -56.8810**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.7290, 21.6780, 47.6780**, and **91.4580, 6.6840, 55.1000** is the 20% darker color. If you saturate the color by 10%, you get **130.1030, 9.6620, 67.2140**, and if you desaturate by 10%, it is **161.8890, 6.5480, 46.5480**.

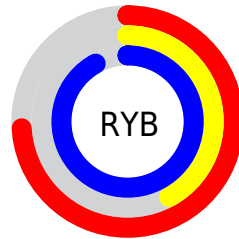
Distribution



Red (74%)

Green (42%)

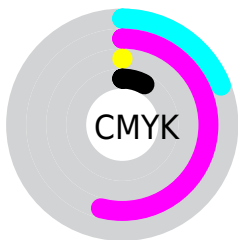
Blue (92%)



Red (74%)

Yellow (42%)

Blue (92%)

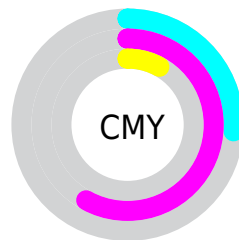


Cyan (19%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (58%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.9960, 8.1050, 56.8810 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 145.9960, 8.1050, 56.8810 by changing the saturation by 10% instead.

145.9960, 8.1050,
56.8810

145.9960, 8.1050,
56.8810

255.0000, -0.0000,
-0.0000

119.0560, 7.8760,
55.5240

197.7290, 21.6780,
47.6780

91.7570, 7.2800,
55.3120

216.2580, 18.1500,
34.5180

63.1700, 7.5550,
55.8350

233.2810, 10.1750,
19.3510

37.4580, 6.6840,
55.1000

250.3040, 2.2000,
4.1840

26.1220, -1.6580,
41.0780

16.2100, -8.2580,
28.5260

5.7000, -16.0500,

15.5500

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 145.9960, 8.1050,
56.8810

■ 145.9960, 8.1050,
56.8810

■ 130.1030, 9.6620,
67.2140

■ 161.8890, 6.5480,
46.5480

■ 113.6230, 11.4940,
78.0700

■ 178.6680, 5.3120,
35.9040

■ 97.4310, 12.4550,
88.1910

■ 194.5610, 3.7550,
25.5710

■ 80.9510, 14.2870,
99.0470

■ 211.0410, 1.9230,
14.7150

71.8250, 14.8820,
104.7860

226.9340, 0.3660,
4.3820

243.1260, -0.5950,
-5.7390

250.2140, 1.9730,
-8.2270

252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



127.1190, -85.8330, 19.2150



145.9960, 8.1050, 56.8810



136.9310, 68.6240, 66.9280

Triad

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



145.9960, 8.1050, 56.8810



134.3270, 81.3410, -25.9150



121.2560, -104.4380, -34.5980

Complementary

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



145.9960, 8.1050, 56.8810



195.0040, -8.1050, -56.8810

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.



112.2160, -81.7390, -55.0110



145.9960, 8.1050, 56.8810



129.3120, 40.9980, -49.1940

Square

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



145.9960, 8.1050, 56.8810



134.1600, 99.4900, 14.1300



116.0880, -26.0770, -61.5730



126.1070, -122.2310, -14.9910

Rectangle

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



145.9960, 8.1050, 56.8810



130.6220, 91.1830, 60.0710



116.0880, -26.0770, -61.5730



118.6340, -97.0550, -41.7510

Sweetspot

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



145.9960, 8.1050, 56.8810



226.7470, 2.9310, 18.4750



149.0670, -53.6920, 14.9160



110.6340, 1.5110, 11.1670



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.



145.9960, 8.1050, 56.8810



139.9170, 10.4860, 74.3100



157.5130, 40.3820, 61.1340



109.3470, 0.6410, 4.9050



55.6170, 11.6310, 81.0950



16.6210, 3.5260, 24.2140

Inverse Universe

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



150.1030, 61.2470, 40.9190



145.3600, 79.9970, 53.5410



183.4870, -40.3820, -61.1340



109.7450, 5.2720, 3.5760



61.4150, 87.3320, 58.2760



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 145.9960, 8.1050, 56.8810 looks on a white background.

Color Contrast Check

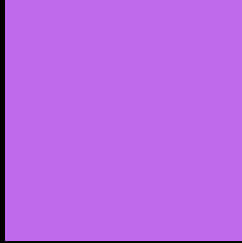
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 145.9960, 8.1050, 56.8810 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 145.9960, 8.1050, 56.8810

Background



This preview shows how black text looks on a background with the YIQ color 145.9960, 8.1050, 56.8810.



This preview shows how white text looks on a background with the YIQ color 145.9960, 8.1050,

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

145.9960, 8.1050, 56.8810

Protanopia

136.6760, -68.2280, 25.0520

Deuteranopia

138.2240, -55.5720, 15.9480



Tritanopia

144.9970, 22.4180, 12.2260

Trichromacy



Original Color

145.9960, 8.1050, 56.8810



Protanomaly

139.7830, -40.3080, 36.6840



Deuteranomaly

141.1010, -32.6960, 30.8880



Tritanomaly

145.0850, 16.9590, 28.5670

Monochromacy



Original Color

145.9960, 8.1050, 56.8810



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

146.2140, 3.1140, 20.6660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.9960, 8.1050, 56.8810 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(189, 107, 234)` looks like.

```
.text, #text, p{  
    color:rgb(189, 107, 234)  
}
```

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(189, 107, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 107, 234) }
```

Border

The CSS property to change the border of an element to YIQ 145.9960, 8.1050, 56.8810 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(189, 107, 234) }
```


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

```
.border{ border-color:rgb(189, 107, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 107, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 107, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 107, 234);  
box-shadow:4px 4px 4px 4px rgb(189, 107,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 145.9960, 8.1050, 56.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 107, 234) }
```

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

```
.background{ background-color: rgb(189,  
107, 234) }
```

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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