

Converting Colors

YIQ(164.8270, -8.0770, 41.7710)

Have a look what the booklet for
YIQ(164.8270, -8.0770, 41.7710)
contains.

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Color

**YIQ(164.8270, -8.0770,
41.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	B78CF5
RGB	183, 140, 245
RGB Percent	72%, 55%, 96%
CMY	0.2822, 0.4510, 0.0393
CMYK	0.25, 0.43, 0.00, 0.04
HSL	265°, 84%, 75%
HSV	265°, 43%, 96%
XYZ	45.3911, 35.4143, 90.8063
YIQ	164.8270, -8.0770, 41.7710

Conversions

Conversions Part 2

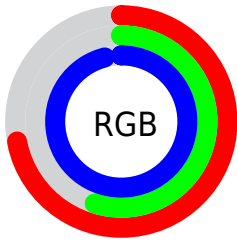
Format	Color
R_{YB}	183, 140, 245
Decimal	12029173
CIE _{Lab}	66.07, 37.07, -46.76
CIE _{LCh}	66, 59.671, 308.412
Yxy	35.4143, 0.2645, 0.2064
Android (android.graphics.Color)	4290219253 (0xFFB78CF5)
YUV	164.8270, 39.5253, 15.9377
Hunter-Lab	59.5099, 32.0083, -48.8138

Details

The YIQ color **164.8270, -8.0770, 41.7710** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.1730, 8.0770, -41.7710**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0070, 8.4310, 28.9350**, and **111.9470, -8.5350, 39.0570** is the 20% darker color. If you saturate the color by 10%, you get **145.9660, -9.5460, 51.8780**, and if you desaturate by 10%, it is **183.1010, -6.3330, 32.1870**.

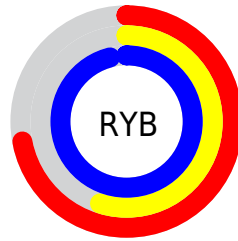
Distribution



Red (72%)

Green (55%)

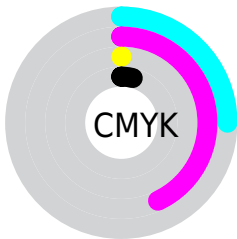
Blue (96%)



Red (72%)

Yellow (55%)

Blue (96%)

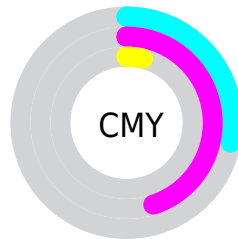


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (28%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8270, -8.0770, 41.7710 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 164.8270, -8.0770, 41.7710 by changing the saturation by 10% instead.

 164.8270, -8.0770,
41.7710

 164.8270, -8.0770,
41.7710


255.0000, -0.0000,
-0.0000


 137.8870, -8.3060,
40.4140


 215.0070, 8.4310,
28.9350


 111.9470, -8.5350,
39.0570


 235.6290, 9.0750,
17.2590

 86.7080, -9.3600,
37.4880

 252.6520, 1.1000,
2.0920

 61.4690, -10.1850,
35.9190

 36.9310, -11.6060,
34.1380

 14.2460, -17.1070,
29.2050

 6.8400, -19.2600,

18.6600

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 164.8270, -8.0770,
41.7710

■ 164.8270, -8.0770,
41.7710

■ 145.9660, -9.5460,
51.8780

■ 183.1010, -6.3330,
32.1870

■ 127.3930,
-11.8860, 61.2500

■ 202.2610, -4.2680,
22.2920

■ 108.5320,
-13.3550, 71.3570

■ 220.5350, -2.5240,
12.7080

■ 89.9590, -15.6950,
80.7290

■ 239.6950, -0.4590,
2.8130

■ 71.0980, -17.1640,
90.8360

■ 253.8600, 3.2100,
-3.1100

■ 57.8300, -19.0450,
97.3950

Harmonies

Analogous

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



148.3830, -78.1290, 11.7510



164.8270, -8.0770, 41.7710



163.6300, 44.0060, 50.5180

Triad

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



164.8270, -8.0770, 41.7710



156.9200, 72.9020, -10.6340



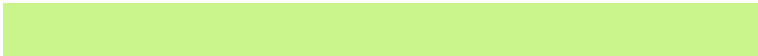
129.7190, -107.6000, -43.3760

Complementary

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



164.8270, -8.0770, 41.7710



220.1730, 8.0770, -41.7710

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.



121.5740, -88.7990, -59.2230



164.8270, -8.0770, 41.7710



153.1360, 45.0300, -34.1540

Square

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



164.8270, -8.0770, 41.7710



158.3080, 84.6340, 19.0500



146.6880, -0.8630, -44.9510



134.3590, -123.4210, -26.4690

Rectangle

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



164.8270, -8.0770, 41.7710



160.3260, 68.1690, 47.6330



146.6880, -0.8630, -44.9510



126.9660, -101.2260, -48.7620

Sweetspot

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



164.8270, -8.0770, 41.7710



229.6490, -2.8450, 13.0190



188.9510, -51.0300, -0.2940



111.7860, -1.9730, 8.2270



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.



164.8270, -8.0770, 41.7710



155.6670, -10.1420, 51.6660



180.0760, 22.3190, 52.5830



112.8630, -0.8720, 4.7920



43.9280, -14.4100, 73.9580



13.9020, -4.6350, 23.4370

Inverse Universe

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



178.4630, 42.6780, 41.5420



172.6480, 52.7630, 51.5070



204.6250, -22.9150, -52.7950



114.3860, 4.9050, 4.7210



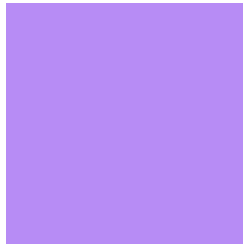
68.1540, 75.5460, 73.6420



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 164.8270, -8.0770, 41.7710 looks on a white background.

Color Contrast Check

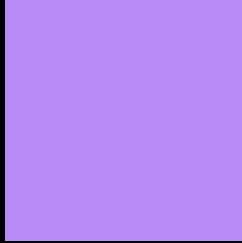
Large Text (above 18pt) WCAG AA × Fail

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 164.8270, -8.0770, 41.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

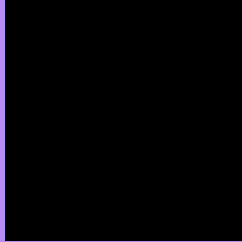
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.8270, -8.0770, 41.7710

Background



This preview shows how black text looks on a background with the YIQ color 164.8270, -8.0770, 41.7710.



This preview shows how white text looks on a background with the YIQ color 164.8270, -8.0770,

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

164.8270, -8.0770, 41.7710

Protanopia

158.5930, -51.9970, 22.7470

Deuteranopia

158.4700, -47.4570, 17.5590



Tritanopia

161.9560, 3.3000, 6.2760

Trichromacy



Original Color

164.8270, -8.0770, 41.7710



Protanomaly

160.6060, -35.6760, 29.8280



Deuteranomaly

160.7540, -33.3370, 25.9830



Tritanomaly

163.1210, -1.0580, 19.1820

Monochromacy



Original Color

164.8270, -8.0770, 41.7710



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.1160, -2.6620, 15.2100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8270, -8.0770, 41.7710 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(183, 140, 245)` looks like.

```
.text, #text, p{  
    color:rgb(183, 140, 245)  
}
```

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(183, 140, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 140, 245) }
```

Border

The CSS property to change the border of an element to YIQ 164.8270, -8.0770, 41.7710 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(183, 140, 245) }
```


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

```
.border{ border-color:rgb(183, 140, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 140, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 140, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 140, 245);  
box-shadow:4px 4px 4px 4px rgb(183, 140,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8270, -8.0770, 41.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 140, 245) }
```

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

```
.background{ background-color: rgb(183,  
140, 245) }
```

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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