

Converting Colors

YIQ(161.6800, 6.1790, 58.7470)

Have a look what the booklet for
YIQ(161.6800, 6.1790, 58.7470)
contains.

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Color

**YIQ(161.6800, 6.1790,
58.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7AFF
RGB	204, 122, 255
RGB Percent	80%, 48%, 100%
CMY	0.1997, 0.5217, 0.0001
CMYK	0.20, 0.52, 0.00, 0.00
HSL	277°, 100%, 74%
HSV	277°, 52%, 100%
XYZ	49.9234, 33.9768, 98.5178
YIQ	161.6800, 6.1790, 58.7470

Conversions

Conversions Part 2

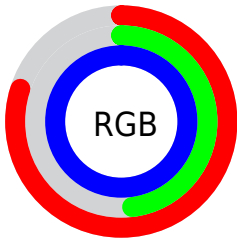
Format	Color
R_{YB}	204, 122, 255
Decimal	13400831
CIE _{Lab}	64.94, 54.52, -53.88
CIE _{LCh}	65, 76.656, 315.339
Yxy	33.9768, 0.2737, 0.1863
Android (android.graphics.Color)	4291590911 (0xFFCC7AFF)
YUV	161.6800, 46.0068, 37.1146
Hunter-Lab	58.2896, 50.8733, -59.4058

Details

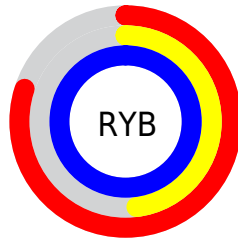
The YIQ color **161.6800, 6.1790, 58.7470** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **215.3200, -6.1790, -58.7470**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2140, 21.4500, 40.7940**, and **107.0280, 5.0790, 56.6550** is the 20% darker color. If you saturate the color by 10%, you get **143.4280, 7.3690, 70.2250**, and if you desaturate by 10%, it is **179.3450, 5.2640, 47.7920**.

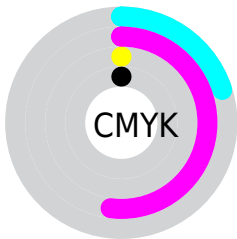
Distribution



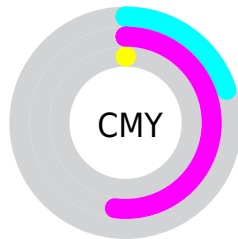
- Red (80%)
- Green (48%)
- Blue (100%)



- Red (80%)
- Yellow (48%)
- Blue (100%)



- Cyan (20%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.6800, 6.1790, 58.7470 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 161.6800, 6.1790, 58.7470 by changing the saturation by 10% instead.


 161.6800, 6.1790,
58.7470


 161.6800, 6.1790,
58.7470


255.0000, -0.0000,
-0.0000

 133.8540, 5.6290,
57.7010


 209.2140, 21.4500,
40.7940

 107.0280, 5.0790,
56.6550


 225.6500, 13.7500,
26.1500

 79.6150, 4.8040,
56.1320

 242.6730, 5.7750,
10.9830

 48.2070, 6.1330,
59.5810

 32.4740, 0.5870,
49.9550

 20.8390, -8.3510,
35.7210

 7.6380, -21.5070,

20.8370

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 161.6800, 6.1790,
58.7470

■ 161.6800, 6.1790,
58.7470

■ 143.4280, 7.3690,
70.2250

■ 179.3450, 5.2640,
47.7920

■ 126.0620, 8.8800,
81.3920

■ 197.5970, 4.0740,
36.3140

■ 107.8100, 10.0700,
92.8700

■ 214.9630, 2.5630,
25.1470

■ 90.1450, 10.9850,
103.8250

■ 233.2150, 1.3730,
13.6690

■ 76.0130, 11.7170,
112.5890

■ 250.8800, 0.4580,
2.7140

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



139.8000, -83.6770, 13.1790



161.6800, 6.1790, 58.7470



151.1910, 64.9560, 67.3240

Triad

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



161.6800, 6.1790, 58.7470



147.9380, 89.6860, -28.4740



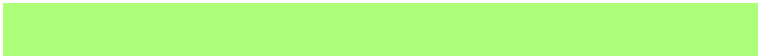
132.8310, -113.6070, -39.1350

Complementary

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



161.6800, 6.1790, 58.7470



215.3200, -6.1790, -58.7470

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.



123.4490, -89.9450, -60.4810



161.6800, 6.1790, 58.7470



143.4990, 47.6010, -53.2230

Square

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



161.6800, 6.1790, 58.7470



148.3560, 101.8740, 14.9780



132.0020, -22.9590, -63.0150



138.1380, -132.6840, -18.2840

Rectangle

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



161.6800, 6.1790, 58.7470



141.2510, 81.9220, 57.2020



132.0020, -22.9590, -63.0150



130.0950, -105.9030, -46.5990

Sweetspot

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



161.6800, 6.1790, 58.7470



226.1490, 1.7390, 18.0510



167.0990, -56.7180, 14.6900



110.3350, 0.9150, 10.9550



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.



161.6800, 6.1790, 58.7470



142.2540, 7.9190, 71.2710



175.1050, 41.7110, 64.5830



118.8740, 0.5950, 5.7390



57.0560, 9.0170, 84.4170



18.9570, 2.7000, 28.1720

Inverse Universe

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



167.5810, 62.8970, 44.0570



149.2070, 76.0540, 53.4140



201.7810, -41.3900, -64.8940



119.4570, 6.1430, 4.3110



65.4310, 90.4030, 63.1950



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 161.6800, 6.1790, 58.7470 looks on a white background.

Color Contrast Check

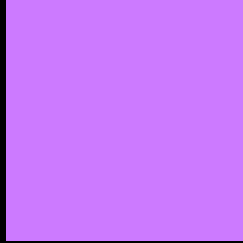
Large Text (above 18pt) WCAG AA × Fail

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 161.6800, 6.1790, 58.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

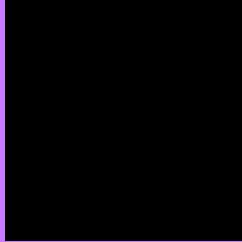
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.6800, 6.1790, 58.7470

Background



This preview shows how black text looks on a background with the YIQ color 161.6800, 6.1790, 58.7470.



This preview shows how white text looks on a background with the YIQ color 161.6800, 6.1790,

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

161.6800, 6.1790, 58.7470

Protanopia

155.0380, -54.7480, 23.0440

Deuteranopia

153.6090, -58.0940, 17.6020



Tritanopia

159.9260, 21.1800, 12.6360

Trichromacy



Original Color

161.6800, 6.1790, 58.7470



Protanomaly

157.5620, -32.3760, 36.1040



Deuteranomaly

156.7850, -34.6220, 32.7540



Tritanomaly

160.4270, 15.9960, 29.5000

Monochromacy



Original Color

161.6800, 6.1790, 58.7470



Achromatopsia

162.0000, -0.0000, 0.0000



Achromatomaly

161.5560, 2.1510, 21.5990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.6800, 6.1790, 58.7470 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(204, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 255)  
}
```

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(204, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 255) }
```

Border

The CSS property to change the border of an element to YIQ 161.6800, 6.1790, 58.7470 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(204, 122, 255) }
```


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

```
.border{ border-color:rgb(204, 122, 255) }
```

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

Here you see how a box with a 4 pixel rgb(204, 122, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 161.6800, 6.1790, 58.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 255) }
```

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

```
.background{ background-color: rgb(204,  
122, 255) }
```

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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