

Converting Colors

YIQ(151.9670, 15.0760, 46.1800)

Have a look what the booklet for
YIQ(151.9670, 15.0760, 46.1800)
contains.

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Color

**YIQ(151.9670, 15.0760,
46.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	C376D6
RGB	195, 118, 214
RGB Percent	76%, 46%, 84%
CMY	0.2350, 0.5374, 0.1608
CMYK	0.09, 0.45, 0.00, 0.16
HSL	288°, 54%, 65%
HSV	288°, 45%, 84%
XYZ	41.1335, 29.4145, 67.1254
YIQ	151.9670, 15.0760, 46.1800

Conversions

Conversions Part 2

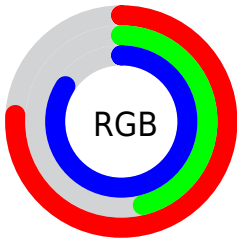
Format	Color
R_{YB}	195, 118, 214
Decimal	12809942
CIE _{Lab}	61.15, 45.68, -37.21
CIE _{LCh}	61, 58.913, 320.833
Yxy	29.4145, 0.2988, 0.2137
Android (android.graphics.Color)	429100022 (0xFFC376D6)
YUV	151.9670, 30.5823, 37.7399
Hunter-Lab	54.2351, 40.4679, -35.4171

Details

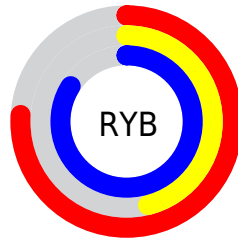
The YIQ color **151.9670, 15.0760, 46.1800** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.0330, -15.0760, -46.1800**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.6810, 21.6330, 42.9850**, and **98.4290, 13.6550, 44.3990** is the 20% darker color. If you saturate the color by 10%, you get **138.4440, 18.4670, 56.3150**, and if you desaturate by 10%, it is **165.4900, 11.6850, 36.0450**.

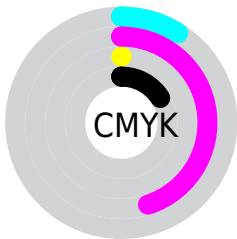
Distribution



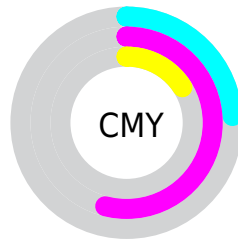
- Red (76%)
- Green (46%)
- Blue (84%)



- Red (76%)
- Yellow (46%)
- Blue (84%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.9670, 15.0760, 46.1800 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 151.9670, 15.0760, 46.1800 by changing the saturation by 10% instead.

151.9670, 15.0760,
46.1800

151.9670, 15.0760,
46.1800

255.0000, -0.0000,
-0.0000

125.1410, 14.5260,
45.1340

205.6810, 21.6330,
42.9850

98.4290, 13.6550,
44.3990

222.7150, 15.1250,
28.7650

72.9020, 13.7010,
43.5650

239.1510, 7.4250,
14.1210

44.3690, 13.8840,
45.7560

27.5870, 10.0340,
38.4340

18.3870, 4.3050,
26.6170

4.1040, -11.5560,

11.1960

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 151.9670, 15.0760,
46.1800

■ 151.9670, 15.0760,
46.1800

■ 138.4440, 18.4670,
56.3150

■ 165.4900, 11.6850,
36.0450

■ 124.3340, 22.1330,
66.9730

■ 179.8990, 8.6150,
25.5990

■ 110.5120, 24.9280,
76.8960

■ 193.4220, 5.2240,
15.4640

■ 96.4020, 28.5940,
87.5540

■ 207.5320, 1.5580,
4.8060

82.8790, 31.9850,
97.6890

221.0550, -1.8330,
-5.3290

75.8240, 33.8180,
103.0180

234.5780, -5.2240,
-15.4640

241.3560, -4.7190,
-19.1110

242.5520, -2.3350,
-18.2630

243.7480, 0.0490,
-17.4150

Harmonies

Analogous

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



145.6910, -46.2210, 28.2030



151.9670, 15.0760, 46.1800



147.5900, 58.6780, 48.9340

Triad

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



151.9670, 15.0760, 46.1800



141.9090, 62.2670, -21.6450



121.8260, -106.0430, -33.0430

Complementary

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



151.9670, 15.0760, 46.1800



180.0330, -15.0760, -46.1800

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.



115.6700, -88.7090, -49.8370



151.9670, 15.0760, 46.1800



137.9920, 27.7000, -39.4680

Square

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



151.9670, 15.0760, 46.1800



144.5810, 78.9510, 6.3990



128.7590, -25.9880, -46.6600



125.0810, -119.3420, -17.7900

Rectangle

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



151.9670, 15.0760, 46.1800



145.4050, 74.9560, 40.2680



128.7590, -25.9880, -46.6600



120.4750, -100.8610, -38.8530

Sweetspot

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



151.9670, 15.0760, 46.1800



233.5360, 4.9030, 15.7750



140.0970, -36.0410, 19.9190



114.1780, 2.7950, 9.9230



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.



151.9670, 15.0760, 46.1800



165.9210, 21.8580, 66.4500



154.3420, 35.7090, 41.1890



99.9450, 1.8330, 5.3290



60.4570, 26.7610, 82.2250



15.3670, 7.0570, 20.7930

Inverse Universe

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



148.8700, 51.1170, 26.2610



161.3400, 73.5810, 37.6530



177.6580, -35.7090, -41.1890



99.6310, 5.5930, 3.2650



55.0050, 91.0020, 46.8260



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 151.9670, 15.0760, 46.1800 looks on a white background.

Color Contrast Check

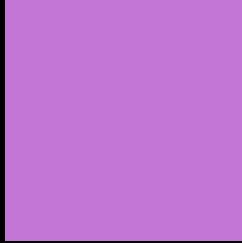
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.9670, 15.0760, 46.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

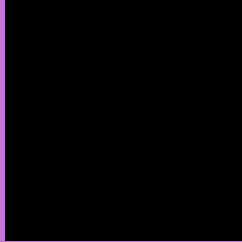
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.9670, 15.0760, 46.1800

Background



This preview shows how black text looks on a background with the YIQ color 151.9670, 15.0760, 46.1800.



This preview shows how white text looks on a background with the YIQ color 151.9670, 15.0760,

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

151.9670, 15.0760, 46.1800

Protanopia

145.9200, -48.6040, 21.8280

Deuteranopia

147.2020, -32.1430, 15.3530



Tritanopia

150.3890, 27.1860, 13.9220

Trichromacy



Original Color

151.9670, 15.0760, 46.1800

Protanomaly

148.1080, -25.4060, 30.9300

Deuteranomaly

149.0350, -15.1350, 26.5050

Tritanomaly

150.9130, 23.1950, 25.6830

Monochromacy



Original Color

151.9670, 15.0760, 46.1800

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.3620, 5.4530, 16.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.9670, 15.0760, 46.1800 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, 118, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 118, 214)  
}
```

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, 118, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 118, 214) }
```

Border

The CSS property to change the border of an element to YIQ 151.9670, 15.0760, 46.1800 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, 118, 214) }
```


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

```
.border{ border-color:rgb(195, 118, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 118, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 118, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 118, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 118,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 151.9670, 15.0760, 46.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 118, 214) }
```

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

```
.background{ background-color: rgb(195,  
118, 214) }
```

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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