

Converting Colors

YIQ(165.7820, 4.9910, 36.2150)

Have a look what the booklet for
YIQ(165.7820, 4.9910, 36.2150)
contains.

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Color

**YIQ(165.7820, 4.9910,
36.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	C18DDE
RGB	193, 141, 222
RGB Percent	76%, 55%, 87%
CMY	0.2430, 0.4471, 0.1295
CMYK	0.13, 0.36, 0.00, 0.13
HSL	279°, 55%, 71%
HSV	279°, 36%, 87%
XYZ	44.7087, 35.6600, 73.6262
YIQ	165.7820, 4.9910, 36.2150

Conversions

Conversions Part 2

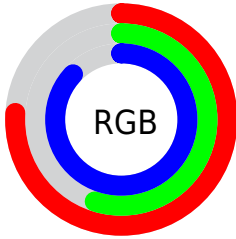
Format	Color
R_{YB}	193, 141, 222
Decimal	12684766
CIE _{Lab}	66.26, 34.29, -33.72
CIE _{LCh}	66, 48.090, 315.481
Yxy	35.6600, 0.2903, 0.2316
Android (android.graphics.Color)	4290874846 (0xFFC18DDE)
YUV	165.7820, 27.7155, 23.8702
Hunter-Lab	59.7160, 29.1379, -31.2998

Details

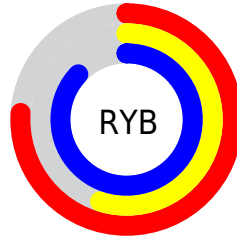
The YIQ color **165.7820, 4.9910, 36.2150** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **197.2180, -4.9910, -36.2150**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2850, 13.5200, 30.3200**, and **113.1300, 3.8910, 34.1230** is the 20% darker color. If you saturate the color by 10%, you get **150.4760, 6.2730, 46.0250**, and if you desaturate by 10%, it is **181.0880, 3.7090, 26.4050**.

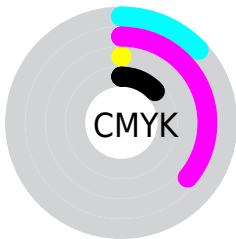
Distribution



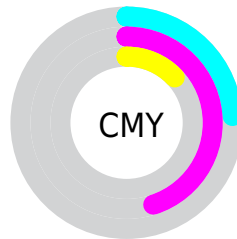
- Red (76%)
- Green (55%)
- Blue (87%)



- Red (76%)
- Yellow (55%)
- Blue (87%)



- Cyan (13%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.7820, 4.9910, 36.2150 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 165.7820, 4.9910, 36.2150 by changing the saturation by 10% instead.

165.7820, 4.9910,
36.2150

165.7820, 4.9910,
36.2150

255.0000, -0.0000,
-0.0000

138.9560, 4.4410,
35.1690

218.2850, 13.5200,
30.3200

113.1300, 3.8910,
34.1230

236.2160, 8.8000,
16.7360

87.6030, 3.9370,
33.2890

253.2390, 0.8250,
1.5690

63.3640, 3.1120,
31.7200

38.9510, 2.8370,
31.1970

18.4730, 1.1870,
28.0590

7.8920, -7.8430,

15.4930

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 165.7820, 4.9910,
36.2150

■ 165.7820, 4.9910,
36.2150

■ 150.4760, 6.2730,
46.0250

■ 181.0880, 3.7090,
26.4050

■ 135.1700, 7.5550,
55.8350

■ 196.3940, 2.4270,
16.5950

■ 119.2770, 9.1120,
66.1680

■ 212.2870, 0.8700,
6.2620

■ 103.9710, 10.3940,
75.9780

■ 227.5930, -0.4120,
-3.5480

■ 88.6650, 11.6760,
85.7880

■ 242.8990, -1.6940,
-13.3580

■ 73.3590, 12.9580,
95.5980

■ 247.0520, 2.2490,
-13.2310

■ 68.0650, 13.9660,
99.3580

■ 249.4440, 7.0170,
-11.5350

■ 251.2380, 10.5930,
-10.2630

Harmonies

Analogous

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



159.4320, -44.2940, 20.8100



165.7820, 4.9910, 36.2150



164.2950, 43.0910, 39.5630

Triad

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



165.7820, 4.9910, 36.2150



158.5960, 56.2590, -11.8770



128.2830, -109.0680, -38.7960

Complementary

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



165.7820, 4.9910, 36.2150



197.2180, -4.9910, -36.2150

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.



135.1240, -69.3160, -43.3640



165.7820, 4.9910, 36.2150



155.2130, 28.9360, -28.8240

Square

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



165.7820, 4.9910, 36.2150



160.7140, 68.4510, 9.4670



149.1680, -10.7220, -36.9780



130.9680, -120.7620, -25.0980

Rectangle

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



165.7820, 4.9910, 36.2150



163.1040, 59.5060, 33.9220



149.1680, -10.7220, -36.9780



126.5730, -104.2530, -43.4610

Sweetspot

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



165.7820, 4.9910, 36.2150



235.5740, 1.7400, 12.5240



167.8440, -34.2510, 9.5010



116.2270, 1.0990, 7.6190



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.



165.7820, 4.9910, 36.2150



177.2960, 6.9600, 50.0960



173.1990, 25.8060, 38.9420



104.3470, 0.6410, 4.9050



53.8510, 10.8520, 78.6920



14.7410, 3.0680, 21.5000

Inverse Universe

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



168.5250, 38.9670, 26.1910



181.0480, 53.9120, 36.1840



189.8010, -25.8060, -38.9420



104.7450, 5.2720, 3.5760



59.8060, 84.6730, 56.9050



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 165.7820, 4.9910, 36.2150 looks on a white background.

Color Contrast Check

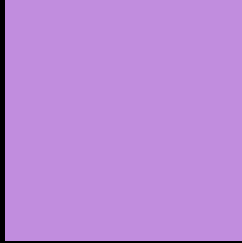
Large Text (above 18pt) WCAG AA × Fail

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 165.7820, 4.9910, 36.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

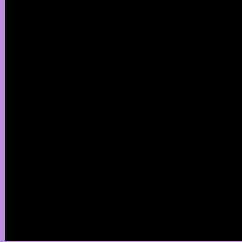
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.7820, 4.9910, 36.2150

Background



This preview shows how black text looks on a background with the YIQ color 165.7820, 4.9910, 36.2150.



This preview shows how white text looks on a background with the YIQ color 165.7820, 4.9910,

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

165.7820, 4.9910, 36.2150

Protanopia

160.9010, -38.4250, 19.0710

Deuteranopia

161.5400, -27.2830, 15.3810



Tritanopia

163.6370, 14.6240, 10.3040

Trichromacy



Original Color

165.7820, 4.9910, 36.2150



Protanomaly

162.5010, -22.3790, 25.6290



Deuteranomaly

162.6280, -15.5470, 22.9570



Tritanomaly

164.5800, 10.7710, 19.5630

Monochromacy



Original Color

165.7820, 4.9910, 36.2150



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

165.9870, 2.0150, 13.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.7820, 4.9910, 36.2150 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(193, 141, 222)` looks like.

```
.text, #text, p{  
    color:rgb(193, 141, 222)  
}
```

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(193, 141, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 141, 222) }
```

Border

The CSS property to change the border of an element to YIQ 165.7820, 4.9910, 36.2150 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(193, 141, 222) }
```


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

```
.border{ border-color:rgb(193, 141, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 141, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 141, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 141, 222);  
box-shadow:4px 4px 4px 4px rgb(193, 141,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 165.7820, 4.9910, 36.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 141, 222) }
```

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

```
.background{ background-color: rgb(193,  
141, 222) }
```

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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