

Converting Colors

YIQ(150.7820, 6.1320, 65.1080)

Have a look what the booklet for
YIQ(150.7820, 6.1320, 65.1080)
contains.

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Color

**YIQ(150.7820, 6.1320,
65.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	C56BFF
RGB	197, 107, 255
RGB Percent	77%, 42%, 100%
CMY	0.2271, 0.5805, 0.0001
CMYK	0.23, 0.58, 0.00, 0.00
HSL	277°, 100%, 71%
HSV	277°, 58%, 100%
XYZ	46.3465, 29.6070, 97.8603
YIQ	150.7820, 6.1320, 65.1080

Conversions

Conversions Part 2

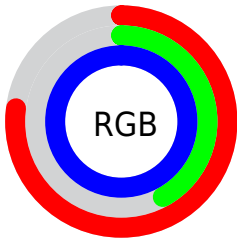
Format	Color
RYB	197, 107, 255
Decimal	12938239
CIELab	61.31, 60.30, -59.71
CIElCh	61, 84.860, 315.281
Yxy	29.6070, 0.2666, 0.1703
Android (android.graphics.Color)	4291128319 (0xFFC56BFF)
YUV	150.7820, 51.3795, 40.5332
Hunter-Lab	54.4123, 56.8186, -68.5443

Details

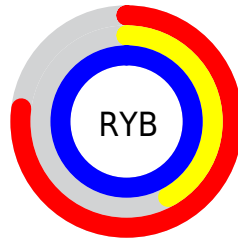
The YIQ color **150.7820, 6.1320, 65.1080** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **211.2180, -6.1320, -65.1080**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.4090, 25.5750, 48.6390**, and **94.5430, 5.3070, 63.5390** is the 20% darker color. If you saturate the color by 10%, you get **132.5300, 7.3220, 76.5860**, and if you desaturate by 10%, it is **168.4470, 5.2170, 54.1530**.

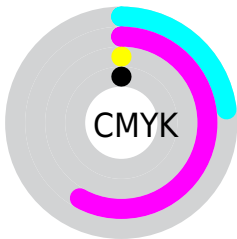
Distribution



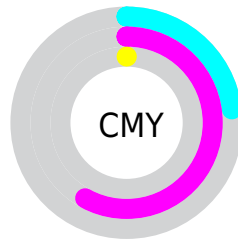
- Red (77%)
- Green (42%)
- Blue (100%)



- Red (77%)
- Yellow (42%)
- Blue (100%)



- Cyan (23%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)




- Cyan (23%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.7820, 6.1320, 65.1080 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 150.7820, 6.1320, 65.1080 by changing the saturation by 10% instead.

 150.7820, 6.1320,
65.1080


 150.7820, 6.1320,
65.1080

255.0000, -0.0000,
-0.0000


 122.9560, 5.5820,
64.0620

 200.4090, 25.5750,
48.6390


 94.5430, 5.3070,
63.5390


 216.8450, 17.8750,
33.9950


 64.8960, 5.8110,
65.4190

 233.8680, 9.9000,
18.8280

 41.0050, 3.8860,
61.7580

 250.8910, 1.9250,
3.6610

 29.3700, -5.0520,
47.5240

 17.8490, -14.3110,
33.6010

 7.5240, -21.1860,

20.5260

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 150.7820, 6.1320,
65.1080

■ 150.7820, 6.1320,
65.1080

■ 132.5300, 7.3220,
76.5860

■ 168.4470, 5.2170,
54.1530

■ 114.8650, 8.2370,
87.5410

■ 186.6990, 4.0270,
42.6750

■ 96.6130, 9.4270,
99.0190

■ 204.3640, 3.1120,
31.7200

■ 78.9480, 10.3420,
109.9740

■ 222.6160, 1.9220,
20.2420

■ 75.4150, 10.5250,
112.1650

■ 240.2810, 1.0070,
9.2870

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.



113.5980, -121.4550, 3.9930



150.7820, 6.1320, 65.1080



134.0710, 74.5820, 80.1020

Triad

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



150.7820, 6.1320, 65.1080



139.3880, 88.5390, -24.2050



127.4510, -109.4810, -36.8170

Complementary

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



150.7820, 6.1320, 65.1080



211.2180, -6.1320, -65.1080

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.



116.6840, -83.2970, -59.8170



150.7820, 6.1320, 65.1080



134.3290, 42.3280, -51.2720

Square

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



150.7820, 6.1320, 65.1080



135.3960, 113.5650, 17.8610



113.3780, -30.4300, -76.3020



133.4420, -130.4840, -14.1000

Rectangle

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



150.7820, 6.1320, 65.1080



120.1530, 94.4820, 71.8740



113.3780, -30.4300, -76.3020



123.9000, -100.8600, -44.3800

Sweetspot

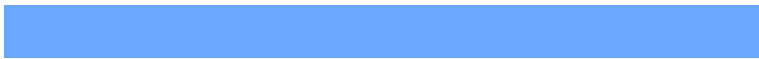
The Sweet Spot groups the original color and five complimentary colors.



150.7820, 6.1320, 65.1080



224.6760, 1.6930, 18.8850



158.5050, -63.7330, 15.1710



109.7480, 1.1900, 11.4780



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.



150.7820, 6.1320, 65.1080



129.5840, 7.2300, 78.2540



166.4140, 45.5150, 72.7390



118.8740, 0.5950, 5.7390



56.4580, 7.8250, 83.9930



18.9570, 2.7000, 28.1720

Inverse Universe

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



157.8640, 69.5900, 49.4140



138.0880, 83.9390, 59.1950



195.5860, -45.5150, -72.7390



119.4570, 6.1430, 4.3110



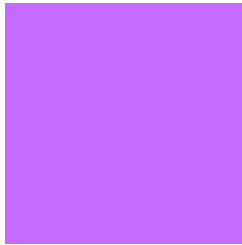
65.6590, 89.7610, 63.8170



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 150.7820, 6.1320, 65.1080 looks on a white background.

Color Contrast Check

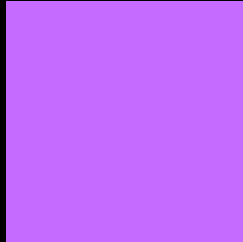
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.7820, 6.1320, 65.1080 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 150.7820, 6.1320, 65.1080

Background



This preview shows how black text looks on a background with the YIQ color 150.7820, 6.1320, 65.1080.



This preview shows how white text looks on a background with the YIQ color 150.7820, 6.1320,

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

150.7820, 6.1320, 65.1080

Protanopia

143.4870, -63.3220, 24.2460

Deuteranopia

140.1390, -71.3900, 16.2740



Tritanopia

150.1110, 22.0970, 12.5370

Trichromacy



Original Color

150.7820, 6.1320, 65.1080



Protanomaly

146.0330, -38.0160, 39.2000



Deuteranomaly

144.2340, -43.1960, 33.9560



Tritanomaly

150.1930, 16.7750, 31.9030

Monochromacy



Original Color

150.7820, 6.1320, 65.1080



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.0230, 2.3340, 23.7900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.7820, 6.1320, 65.1080 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(197, 107, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 107, 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(197, 107, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 107, 255) }
```

Border

The CSS property to change the border of an element to YIQ 150.7820, 6.1320, 65.1080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

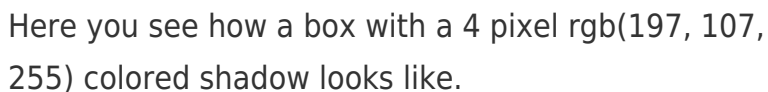
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 107, 255) }
```


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

```
.border{ border-color:rgb(197, 107, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 107, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 107, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 107, 255); box-shadow:4px 4px 4px 4px rgb(197, 107, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 150.7820, 6.1320, 65.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 107, 255) }
```

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

```
.background{ background-color: rgb(197,  
107, 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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