

Converting Colors

YIQ(148.6790, 7.9200, 65.7440)

Have a look what the booklet for
YIQ(148.6790, 7.9200, 65.7440)
contains.

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Color

**YIQ(148.6790, 7.9200,
65.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	C568FC
RGB	197, 104, 252
RGB Percent	77%, 41%, 99%
CMY	0.2271, 0.5923, 0.0118
CMYK	0.22, 0.59, 0.00, 0.01
HSL	278°, 96%, 70%
HSV	278°, 59%, 99%
XYZ	45.5606, 28.8009, 95.2356
YIQ	148.6790, 7.9200, 65.7440

Conversions

Conversions Part 2

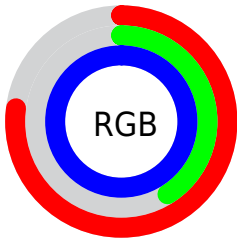
Format	Color
R_{YB}	197, 104, 252
Decimal	12937468
CIE _{Lab}	60.61, 61.11, -59.19
CIE _{LCh}	61, 85.078, 315.916
Yxy	28.8009, 0.2686, 0.1698
Android (android.graphics.Color)	4291127548 (0xFFC568FC)
YUV	148.6790, 50.9373, 42.3775
Hunter-Lab	53.6665, 57.6230, -67.6486

Details

The YIQ color $148.6790, 7.9200, 65.7440$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $207.3210, -7.9200, -65.7440$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $198.6480, 26.4000, 50.2080$, and $92.5540, 6.7740, 64.4860$ is the 20% darker color. If you saturate the color by 10%, you get $131.3130, 9.4310, 76.9110$, and if you desaturate by 10%, it is $166.0450, 6.4090, 54.5770$.

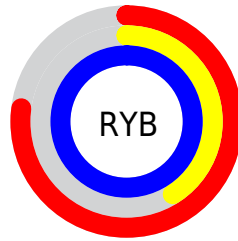
Distribution



Red (77%)

Green (41%)

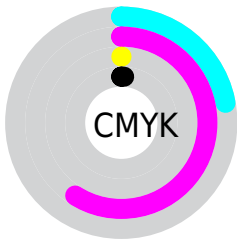
Blue (99%)



Red (77%)

Yellow (41%)

Blue (99%)

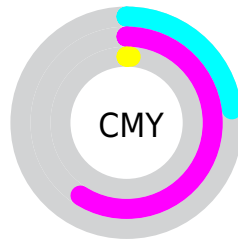


Cyan (22%)

Magenta (59%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (59%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6790, 7.9200, 65.7440 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 148.6790, 7.9200, 65.7440 by changing the saturation by 10% instead.

 148.6790, 7.9200,
65.7440


 148.6790, 7.9200,
65.7440

255.0000, -0.0000,
-0.0000


 120.8530, 7.3700,
64.6980

 198.6480, 26.4000,
50.2080


 92.5540, 6.7740,
64.4860


 215.0840, 18.7000,
35.5640


 60.4450, 8.6990,
68.1470

 232.1070, 10.7250,
20.3970

 40.7770, 4.5280,
61.1360

 249.1300, 2.7500,
5.2300

 29.0280, -4.0890,
46.5910

 17.8060, -12.7520,
32.8800

 7.2960, -20.5440,

19.9040

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 148.6790, 7.9200,
65.7440

■ 148.6790, 7.9200,
65.7440

■ 131.3130, 9.4310,
76.9110

■ 166.0450, 6.4090,
54.5770

■ 113.6480, 10.3460,
87.8660

■ 183.7100, 5.4940,
43.6220

■ 95.6950, 12.1320,
99.5560

■ 201.6630, 3.7080,
31.9320

■ 78.3290, 13.6430,
110.7230

■ 219.0290, 2.1970,
20.7650

■ 76.2690, 13.8720,
112.0800

■ 236.6940, 1.2820,
9.8100

■ 254.0600, -0.2290,
-1.3570

■ 254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



112.4240, -120.9050, 5.0390



148.6790, 7.9200, 65.7440



131.3810, 76.6450, 81.2610

Triad

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



148.6790, 7.9200, 65.7440



137.6050, 86.4300, -24.5300



126.1630, -108.6100, -36.0820

Complementary

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



148.6790, 7.9200, 65.7440



207.3210, -7.9200, -65.7440

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.



115.5100, -82.7470, -58.7710



148.6790, 7.9200, 65.7440



132.8450, 40.8150, -51.3850

Square

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



148.6790, 7.9200, 65.7440



134.0540, 114.5280, 16.9280



109.1000, -35.5190, -77.6870



132.2680, -129.9340, -13.0540

Rectangle

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



148.6790, 7.9200, 65.7440



117.4630, 96.5450, 73.0330



109.1000, -35.5190, -77.6870



122.7260, -100.3100, -43.3340

Sweetspot

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



148.6790, 7.9200, 65.7440



222.9150, 2.5180, 20.4540



154.3310, -63.1830, 16.2170



107.6880, 1.4190, 12.8350



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.



148.6790, 7.9200, 65.7440



130.7800, 9.6140, 79.1020



163.1860, 46.1570, 72.1170



115.8740, 0.5950, 5.7390



57.1270, 10.2550, 84.0070



18.6150, 3.6630, 27.2390

Inverse Universe

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



154.5220, 70.5530, 48.4810



137.7460, 84.9020, 58.2620



192.8140, -46.1570, -72.1170



116.4570, 6.1430, 4.3110



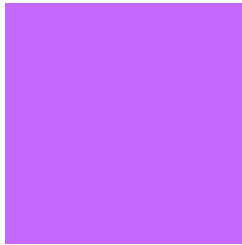
64.4910, 90.1740, 61.8380



20.8610, 28.9730, 20.0850

Previews

White Background



This preview shows how the YIQ color 148.6790, 7.9200, 65.7440 looks on a white background.

Color Contrast Check

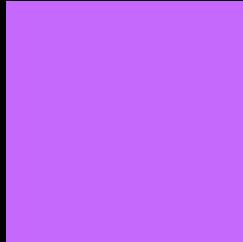
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6790, 7.9200, 65.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

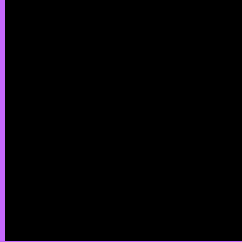
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6790, 7.9200, 65.7440

Background



This preview shows how black text looks on a background with the YIQ color 148.6790, 7.9200, 65.7440.



This preview shows how white text looks on a background with the YIQ color 148.6790, 7.9200,

65.7440.

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

148.6790, 7.9200, 65.7440

Protanopia

141.1170, -65.1560, 24.4440

Deuteranopia

138.3240, -70.4730, 16.1750



Tritanopia

148.8940, 24.2060, 12.8620

Trichromacy



Original Color

148.6790, 7.9200, 65.7440



Protanomaly

143.8480, -38.9330, 39.2990



Deuteranomaly

141.8320, -42.0040, 34.3800



Tritanomaly

148.6770, 18.2880, 32.0160

Monochromacy



Original Color

148.6790, 7.9200, 65.7440



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.9090, 2.6550, 23.4790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6790, 7.9200, 65.7440 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, 104, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 104, 252)  
}
```

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, 104, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 104, 252) }
```

Border

The CSS property to change the border of an element to YIQ 148.6790, 7.9200, 65.7440 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, 104, 252) }
```


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

```
.border{ border-color:rgb(197, 104, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 104, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 104, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 104, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 104,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6790, 7.9200, 65.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 104, 252) }
```

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

```
.background{ background-color: rgb(197,  
104, 252) }
```

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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