

Converting Colors

YIQ(157.5820, 9.5710, 63.3550)

Have a look what the booklet for
YIQ(157.5820, 9.5710, 63.3550)
contains.

YIQ(157.5820, 9.5710, 63.3550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(157.5820, 9.5710,
63.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	CE72FF
RGB	206, 114, 255
RGB Percent	81%, 45%, 100%
CMY	0.1918, 0.5531, 0.0001
CMYK	0.19, 0.55, 0.00, 0.00
HSL	279°, 100%, 72%
HSV	279°, 55%, 100%
XYZ	49.5354, 32.3778, 98.2312
YIQ	157.5820, 9.5710, 63.3550

Conversions

Conversions Part 2

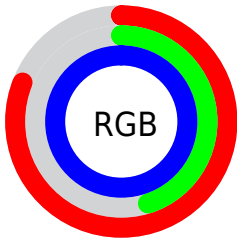
Format	Color
R _Y B	206, 114, 255
Decimal	13529855
CIE Lab	63.65, 59.04, -55.92
CIE LCh	64, 81.316, 316.554
Yxy	32.3778, 0.2750, 0.1797
Android (android.graphics.Color)	4291719935 (0xFFCE72FF)
YUV	157.5820, 48.0271, 42.4626
Hunter-Lab	56.9015, 55.8148, -62.5234

Details

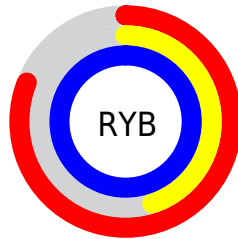
The YIQ color **157.5820, 9.5710, 63.3550** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **211.4180, -9.5710, -63.3550**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5180, 23.6500, 44.9780**, and **102.0440, 8.1500, 61.5740** is the 20% darker color. If you saturate the color by 10%, you get **139.6290, 11.3570, 75.0450**, and if you desaturate by 10%, it is **174.9480, 8.0600, 52.1880**.

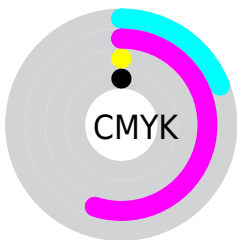
Distribution



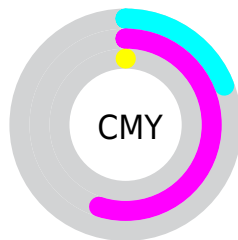
- Red (81%)
- Green (45%)
- Blue (100%)



- Red (81%)
- Yellow (45%)
- Blue (100%)



- Cyan (19%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.5820, 9.5710, 63.3550 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 157.5820, 9.5710, 63.3550 by changing the saturation by 10% instead.

157.5820, 9.5710,
63.3550

157.5820, 9.5710,
63.3550

255.0000, -0.0000,
-0.0000

129.7560, 9.0210,
62.3090

204.5180, 23.6500,
44.9780

101.9300, 8.4710,
61.2630

220.9540, 15.9500,
30.3340

72.8700, 8.7000,
62.6200

237.9770, 7.9750,
15.1670

43.8100, 8.9290,
63.9770

32.3600, 0.9080,
49.6440

21.1380, -7.7550,
35.9330

7.6380, -21.5070,

20.8370

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 157.5820, 9.5710,
63.3550

■ 157.5820, 9.5710,
63.3550

■ 139.6290, 11.3570,
75.0450

■ 174.9480, 8.0600,
52.1880

■ 122.2630, 12.8680,
86.2120

■ 192.9010, 6.2740,
40.4980

■ 104.6090, 15.2500,
98.1140

■ 210.2670, 4.7630,
29.3310

■ 87.2430, 16.7610,
109.2810

■ 227.9210, 2.3810,
17.4290

■ 79.0030, 17.6770,
114.7090

■ 245.2870, 0.8700,
6.2620

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.



132.9780, -90.0500, 13.0380



157.5820, 9.5710, 63.3550



143.1040, 69.8150, 72.8790

Triad

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



157.5820, 9.5710, 63.3550



144.9810, 88.1270, -27.7530



131.2980, -113.4240, -36.9440

Complementary

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



157.5820, 9.5710, 63.3550



211.4180, -9.5710, -63.3550

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.



121.4600, -88.4780, -59.5340



157.5820, 9.5710, 63.3550



139.9330, 43.3830, -53.8730

Square

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



157.5820, 9.5710, 63.3550



143.3520, 107.6970, 14.0730



123.4090, -31.7150, -69.5310



136.4910, -132.1800, -16.4040

Rectangle

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



157.5820, 9.5710, 63.3550



132.2350, 88.0190, 62.3470



123.4090, -31.7150, -69.5310



128.4480, -105.3990, -44.7190

Sweetspot

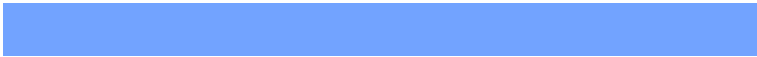
The Sweet Spot groups the original color and five complimentary colors.



157.5820, 9.5710, 63.3550



225.2740, 2.8850, 19.3090



158.8370, -58.7360, 18.2240



110.0470, 1.7860, 11.6900



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.



157.5820, 9.5710, 63.3550



139.0420, 11.6320, 75.5680



169.8390, 45.5160, 67.2120



118.8740, 0.5950, 5.7390



59.1490, 13.1890, 85.9010



19.8540, 4.4880, 28.8080

Inverse Universe

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



161.7450, 68.3070, 45.1310



143.8440, 81.5100, 53.6540



199.1610, -45.5160, -67.2120



119.3430, 6.4640, 4.0000



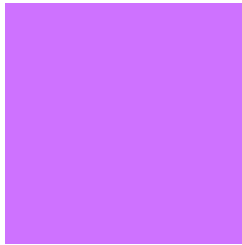
64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 157.5820, 9.5710, 63.3550 looks on a white background.

Color Contrast Check

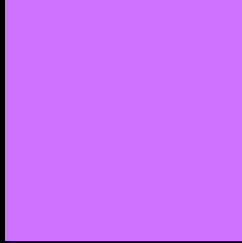
Large Text (above 18pt) WCAG AA × Fail

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 157.5820, 9.5710, 63.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

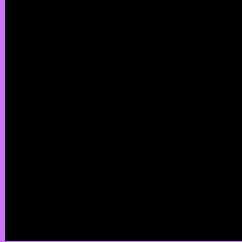
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.5820, 9.5710, 63.3550

Background



This preview shows how black text looks on a background with the YIQ color 157.5820, 9.5710, 63.3550.



This preview shows how white text looks on a background with the YIQ color 157.5820, 9.5710,

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

157.5820, 9.5710, 63.3550

Protanopia

150.8960, -57.2240, 23.8640

Deuteranopia

149.3420, -61.7160, 17.1640



Tritanopia

156.9050, 25.6730, 13.8090

Trichromacy



Original Color

157.5820, 9.5710, 63.3550



Protanomaly

153.7300, -32.7890, 38.0830



Deuteranomaly

152.2410, -35.9060, 33.9980



Tritanomaly

157.0470, 20.1220, 31.8180

Monochromacy



Original Color

157.5820, 9.5710, 63.3550



Achromatopsia

158.0000, -0.0000, 0.0000



Achromatomaly

157.6810, 3.2970, 22.8570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.5820, 9.5710, 63.3550 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(206, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 114, 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(206, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 114, 255) }
```

Border

The CSS property to change the border of an element to YIQ 157.5820, 9.5710, 63.3550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

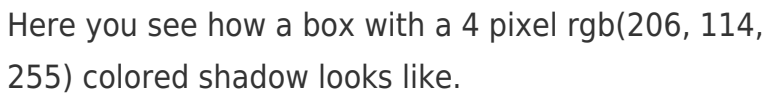
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 114, 255) }
```


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

```
.border{ border-color:rgb(206, 114, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 114,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 157.5820, 9.5710, 63.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 114, 255) }
```

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

```
.background{ background-color: rgb(206,  
114, 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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