

Converting Colors

YIQ(175.3550, -0.6960, 45.6720)

Have a look what the booklet for
YIQ(175.3550, -0.6960, 45.6720)
contains.

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Color

**YIQ(175.3550, -0.6960,
45.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	CB92FE
RGB	203, 146, 254
RGB Percent	80%, 57%, 100%
CMY	0.2037, 0.4275, 0.0040
CMYK	0.20, 0.43, 0.00, 0.00
HSL	272°, 98%, 78%
HSV	272°, 43%, 100%
XYZ	52.8038, 40.4086, 98.7640
YIQ	175.3550, -0.6960, 45.6720

Conversions

Conversions Part 2

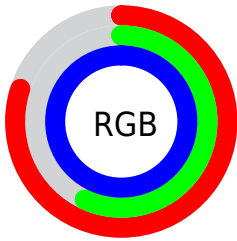
Format	Color
R _Y B	203, 146, 254
Decimal	13341438
CIE Lab	69.76, 41.38, -45.74
CIE LCh	70, 61.682, 312.136
Yxy	40.4086, 0.2751, 0.2105
Android (android.graphics.Color)	4291531518 (0xFFCB92FE)
YUV	175.3550, 38.7720, 24.2447
Hunter-Lab	63.5678, 37.0309, -47.6203

Details

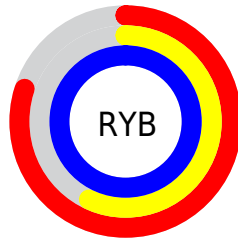
The YIQ color $175.3550, -0.6960, 45.6720$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $224.6450, 0.6960, -45.6720$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.3020, 14.8500, 28.2420$, and $121.5890, -1.4750, 43.2690$ is the 20% darker color. If you saturate the color by 10%, you get $157.0920, -0.9730, 56.2030$, and if you desaturate by 10%, it is $193.6180, -0.4190, 35.1410$.

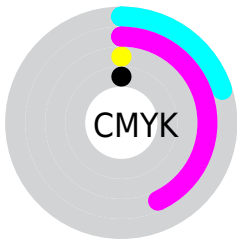
Distribution



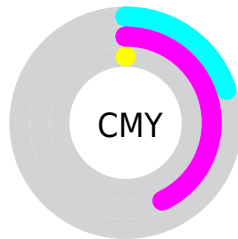
- Red (80%)
- Green (57%)
- Blue (100%)



- Red (80%)
- Yellow (57%)
- Blue (100%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.3550, -0.6960, 45.6720 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 175.3550, -0.6960, 45.6720 by changing the saturation by 10% instead.


 175.3550, -0.6960,
45.6720

 175.3550, -0.6960,
45.6720


255.0000, -0.0000,
-0.0000


 148.4150, -0.9250,
44.3150


 223.3020, 14.8500,
28.2420


 121.5890, -1.4750,
43.2690

 239.7380, 7.1500,
13.5980

 95.6490, -1.7040,
41.9120

 70.4100, -2.5290,
40.3430

 44.6980, -3.4000,
39.6080

 22.0350, -5.9670,
36.5690

 13.0200, -10.7790,

24.6530

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 175.3550, -0.6960,
45.6720

■ 175.3550, -0.6960,
45.6720

■ 157.0920, -0.9730,
56.2030

■ 193.6180, -0.4190,
35.1410

■ 138.2420, -0.9750,
67.2570

■ 212.4680, -0.4170,
24.0870

■ 119.9790, -1.2520,
77.7880

■ 230.7310, -0.1400,
13.5560

■ 101.1290, -1.2540,
88.8420

■ 249.5810, -0.1380,
2.5020

■ 82.8660, -1.5310,
99.3730

254.8860, 0.3210,
-0.3110

■ 69.0220, -1.6700,
107.4020

Harmonies

Analogous

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



160.2660, -64.5580, 13.6020



175.3550, -0.6960, 45.6720



173.1040, 51.4790, 52.7510

Triad

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



175.3550, -0.6960, 45.6720



165.8830, 74.3240, -14.3800



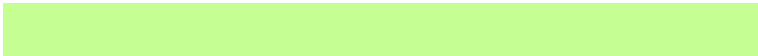
138.1140, -116.0820, -43.8420

Complementary

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



175.3550, -0.6960, 45.6720



224.6450, 0.6960, -45.6720

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.



129.7410, -96.6390, -60.3110



175.3550, -0.6960, 45.6720



162.0600, 42.1880, -37.7160

Square

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



175.3550, -0.6960, 45.6720



166.0750, 83.6720, 14.4560



154.8010, -8.6110, -47.7070



142.2810, -131.9490, -26.1010

Rectangle

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



175.3550, -0.6960, 45.6720



165.3640, 65.0060, 44.3820



154.8010, -8.6110, -47.7070



135.9480, -109.9830, -49.7510

Sweetspot

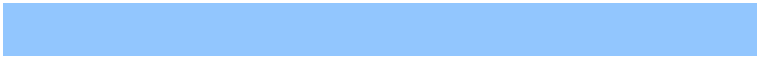
The Sweet Spot groups the original color and five complimentary colors.



175.3550, -0.6960, 45.6720



230.8450, -0.4610, 13.8670



188.8360, -48.9680, 6.3920



112.6830, -0.1850, 8.8630



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.



175.3550, -0.6960, 45.6720



160.4510, -0.6060, 55.0580



190.3760, 30.3420, 55.8620



118.2760, -0.5970, 5.3150



51.9730, -1.1150, 80.8130



17.4620, -0.2800, 27.1120

Inverse Universe

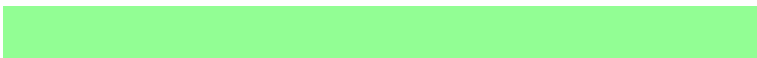
The Inverse Universe completely reimagines the original color for something new.



184.1060, 47.9970, 38.7570



170.8240, 57.8990, 46.5310



209.6240, -30.3420, -55.8620



119.5710, 5.8220, 4.6220



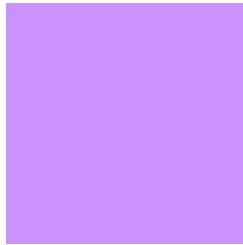
67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 175.3550, -0.6960, 45.6720 looks on a white background.

Color Contrast Check

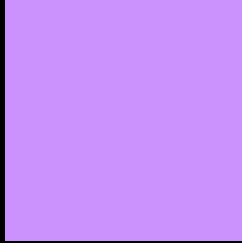
Large Text (above 18pt) WCAG AA × Fail

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 175.3550, -0.6960, 45.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

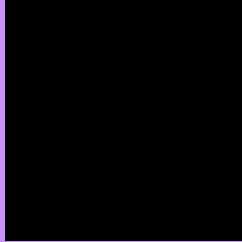
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.3550, -0.6960, 45.6720

Background



This preview shows how black text looks on a background with the YIQ color 175.3550, -0.6960, 45.6720.



This preview shows how white text looks on a background with the YIQ color 175.3550, -0.6960,

45.6720.

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

175.3550, -0.6960, 45.6720

Protanopia

169.5460, -44.6150, 21.1210

Deuteranopia

168.8510, -44.1560, 18.3080



Tritanopia

172.5550, 11.9190, 9.7670

Trichromacy



Original Color

175.3550, -0.6960, 45.6720

Protanomaly

171.7270, -28.7070, 30.1810

Deuteranomaly

171.5590, -28.2940, 28.2020

Tritanomaly

173.7200, 7.5610, 22.6730

Monochromacy



Original Color

175.3550, -0.6960, 45.6720

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8390, -0.3240, 16.8920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3550, -0.6960, 45.6720 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(203, 146, 254)` looks like.

```
.text, #text, p{  
    color:rgb(203, 146, 254)  
}
```

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(203, 146, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 146, 254) }
```

Border

The CSS property to change the border of an element to YIQ 175.3550, -0.6960, 45.6720 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(203, 146, 254) }
```


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

```
.border{ border-color:rgb(203, 146, 254) }
```

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

Here you see how a box with a 4 pixel rgb(203, 146, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 146, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 146, 254);  
box-shadow:4px 4px 4px 4px rgb(203, 146,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3550, -0.6960, 45.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 146, 254) }
```

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

```
.background{ background-color: rgb(203,  
146, 254) }
```

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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