

Converting Colors

YIQ(159.4290, 22.8230, 54.4630)

Have a look what the booklet for
YIQ(159.4290, 22.8230, 54.4630)
contains.

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Color

**YIQ(159.4290, 22.8230,
54.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	D776E3
RGB	215, 118, 227
RGB Percent	84%, 46%, 89%
CMY	0.1566, 0.5374, 0.1098
CMYK	0.05, 0.48, 0.00, 0.11
HSL	293°, 66%, 68%
HSV	293°, 48%, 89%
XYZ	48.3857, 32.9521, 76.4844
YIQ	159.4290, 22.8230, 54.4630

Conversions

Conversions Part 2

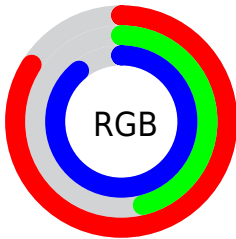
Format	Color
R _Y B	215, 118, 227
Decimal	14120675
CIE Lab	64.12, 53.88, -39.65
CIE LCh	64, 66.896, 323.655
Yxy	32.9521, 0.3066, 0.2088
Android (android.graphics.Color)	4292310755 (0xFFD776E3)
YUV	159.4290, 33.3125, 48.7358
Hunter-Lab	57.4039, 50.0007, -38.8147

Details

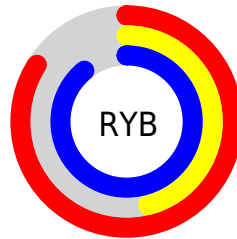
The YIQ color **159.4290, 22.8230, 54.4630** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **185.5710, -22.8230, -54.4630**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 22.5500, 42.8860**, and **104.3040, 21.6770, 53.2050** is the 20% darker color. If you saturate the color by 10%, you get **145.3300, 27.9560, 66.0680**, and if you desaturate by 10%, it is **173.8270, 18.2860, 43.0700**.

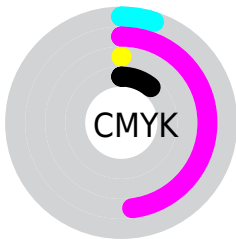
Distribution



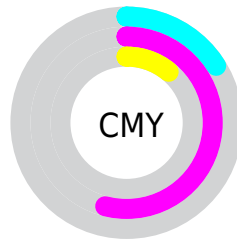
- Red (84%)
- Green (46%)
- Blue (89%)



- Red (84%)
- Yellow (46%)
- Blue (89%)



- Cyan (5%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (54%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.4290, 22.8230, 54.4630 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 159.4290, 22.8230, 54.4630 by changing the saturation by 10% instead.

159.4290, 22.8230,
54.4630

159.4290, 22.8230,
54.4630

255.0000, -0.0000,
-0.0000

131.7170, 21.9520,
53.7280

206.8660, 22.5500,
42.8860

104.3040, 21.6770,
53.2050

223.3020, 14.8500,
28.2420

76.4180, 21.3560,
53.5160

240.3250, 6.8750,
13.0750

44.2490, 23.5100,
58.5340

33.6250, 16.0390,
45.2470

23.1150, 8.2470,
32.2710

12.7190, 0.1340,

19.6060

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 159.4290, 22.8230,
54.4630

■ 159.4290, 22.8230,
54.4630

■ 145.3300, 27.9560,
66.0680

■ 173.8270, 18.2860,
43.0700

■ 131.5190, 32.2180,
76.9380

■ 187.3390, 13.4280,
31.9880

■ 117.4200, 37.3510,
88.5430

■ 201.7370, 8.8910,
20.5950

■ 103.0220, 41.8880,
99.9360

■ 215.8360, 3.7580,
8.9900

■ 88.9230, 47.0210,
111.5410

■ 229.3480, -1.1000,
-2.0920

■ 86.2760, 47.5250,
113.4210

■ 243.7460, -5.6370,
-13.4850

■ 244.9310, -4.7200,
-13.5840

■ 245.8280, -2.9320,
-12.9480

■ 246.4260, -1.7400,
-12.5240

Harmonies

Analogous

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



153.3540, -43.6540, 31.2420



159.4290, 22.8230, 54.4630



153.2650, 70.1390, 55.9870

Triad

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



159.4290, 22.8230, 54.4630



147.0760, 71.6220, -31.4980



130.4490, -115.1670, -32.8870

Complementary

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



159.4290, 22.8230, 54.4630



185.5710, -22.8230, -54.4630

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.



123.3810, -95.2650, -52.1690



159.4290, 22.8230, 54.4630



142.1950, 28.2060, -48.6420

Square

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



159.4290, 22.8230, 54.4630



150.5620, 89.1300, 3.6420



129.4640, -41.5750, -56.0310



133.1000, -129.5210, -15.0330

Rectangle

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



159.4290, 22.8230, 54.4630



148.1180, 83.2540, 44.0700



129.4640, -41.5750, -56.0310



128.1690, -108.7470, -39.1070

Sweetspot

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



159.4290, 22.8230, 54.4630



232.6720, 7.5160, 17.9800



138.0570, -38.5640, 27.1000



114.1890, 4.2620, 10.8700



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.



159.4290, 22.8230, 54.4630



163.3400, 31.1640, 74.0120



158.2290, 43.4570, 43.9450



107.3580, 2.1080, 5.8520



67.9470, 37.3050, 89.3770



19.2690, 10.4490, 25.4010

Inverse Universe

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



151.9590, 61.1120, 26.8400



153.0760, 83.0720, 36.3520



186.7710, -43.4570, -43.9450



106.8160, 6.5100, 3.1660



55.8010, 100.2640, 44.1680



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 159.4290, 22.8230, 54.4630 looks on a white background.

Color Contrast Check

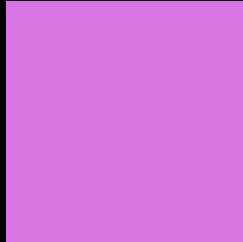
Large Text (above 18pt) WCAG AA × Fail

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 159.4290, 22.8230, 54.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

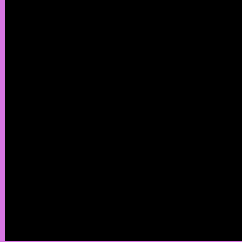
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.4290, 22.8230, 54.4630

Background



This preview shows how black text looks on a background with the YIQ color 159.4290, 22.8230, 54.4630.



This preview shows how white text looks on a background with the YIQ color 159.4290, 22.8230,

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

159.4290, 22.8230, 54.4630

Protanopia

152.6790, -55.1150, 24.1890

Deuteranopia

154.9460, -34.2980, 15.8620



Tritanopia

158.1730, 36.7220, 17.3140

Trichromacy



Original Color

159.4290, 22.8230, 54.4630



Protanomaly

155.2590, -27.1490, 34.9870



Deuteranomaly

156.6270, -13.8060, 29.9540



Tritanomaly

158.5660, 31.7220, 30.8420

Monochromacy



Original Color

159.4290, 22.8230, 54.4630



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

159.0250, 8.0200, 19.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4290, 22.8230, 54.4630 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(215, 118, 227)` looks like.

```
.text, #text, p{  
    color:rgb(215, 118, 227)  
}
```

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(215, 118, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 118, 227) }
```

Border

The CSS property to change the border of an element to YIQ 159.4290, 22.8230, 54.4630 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(215, 118, 227) }
```


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

```
.border{ border-color:rgb(215, 118, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 118, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 118, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 118, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 118,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4290, 22.8230, 54.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 118, 227) }
```

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

```
.background{ background-color: rgb(215,  
118, 227) }
```

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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