

Converting Colors

YIQ(159.4030, 25.7120, 51.6640)

Have a look what the booklet for
YIQ(159.4030, 25.7120, 51.6640)
contains.

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Color

**YIQ(159.4030, 25.7120,
51.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	D877DB
RGB	216, 119, 219
RGB Percent	85%, 47%, 86%
CMY	0.1526, 0.5335, 0.1411
CMYK	0.01, 0.46, 0.00, 0.14
HSL	298°, 58%, 66%
HSV	298°, 46%, 86%
XYZ	47.7200, 32.9091, 70.8591
YIQ	159.4030, 25.7120, 51.6640

Conversions

Conversions Part 2

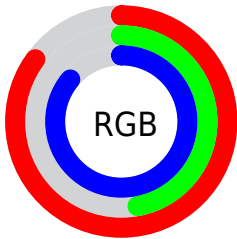
Format	Color
R _Y B	216, 119, 219
Decimal	14186459
CIE Lab	64.09, 52.19, -35.24
CIE LCh	64, 62.973, 325.976
Yxy	32.9091, 0.3150, 0.2172
Android (android.graphics.Color)	4292376539 (0xFFD877DB)
YUV	159.4030, 29.3813, 49.6356
Hunter-Lab	57.3665, 48.0929, -33.0785

Details

The YIQ color **159.4030, 25.7120, 51.6640** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **178.5970, -25.7120, -51.6640**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 22.2750, 42.3630**, and **104.9790, 23.9700, 50.1940** is the 20% darker color. If you saturate the color by 10%, you get **146.1900, 31.1660, 62.9580**, and if you desaturate by 10%, it is **172.6160, 20.2580, 40.3700**.

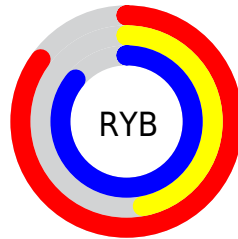
Distribution



Red (85%)

Green (47%)

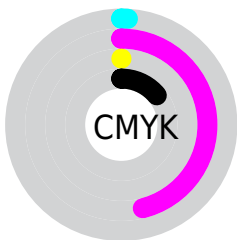
Blue (86%)



Red (85%)

Yellow (47%)

Blue (86%)

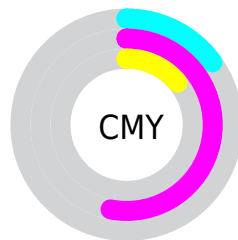


Cyan (1%)

Magenta (46%)

Yellow (0%)

Black (14%)



Cyan (15%)


Magenta (53%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.4030, 25.7120, 51.6640 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 159.4030, 25.7120, 51.6640 by changing the saturation by 10% instead.

 159.4030, 25.7120,
51.6640


 159.4030, 25.7120,
51.6640


255.0000, -0.0000,
-0.0000


 131.6910, 24.8410,
50.9290


 207.4530, 22.2750,
42.3630


 104.9790, 23.9700,
50.1940


 223.8890, 14.5750,
27.7190

 77.3920, 24.2450,
50.7170

 240.9120, 6.6000,
12.5520

 44.0490, 26.9490,
56.7810

 33.1260, 18.8820,
43.2820

 23.0290, 11.3650,
30.8290

 12.6330, 3.2520,

18.1640

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 159.4030, 25.7120,
51.6640

■ 159.4030, 25.7120,
51.6640

■ 146.1900, 31.1660,
62.9580

■ 172.6160, 20.2580,
40.3700

■ 133.2760, 37.2160,
74.4640

■ 185.5300, 14.2080,
28.8640

■ 120.0630, 42.6700,
85.7580

■ 198.7430, 8.7540,
17.5700

■ 107.1490, 48.7200,
97.2640

■ 211.9560, 3.3000,
6.2760

93.9360, 54.1740,
108.5580

224.2830, -2.4750,
-4.7070

88.6530, 56.6490,
113.2650

237.4960, -7.9290,
-16.0010

240.7300, -8.7080,
-18.4040

241.0290, -8.1120,
-18.1920

Harmonies

Analogous

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



156.0560, -36.8230, 34.0970



159.4030, 25.7120, 51.6640



154.0320, 69.1770, 51.3930

Triad

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



159.4030, 25.7120, 51.6640



148.4650, 63.2770, -28.9390



129.9760, -115.2130, -32.0530

Complementary

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



159.4030, 25.7120, 51.6640



178.5970, -25.7120, -51.6640

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.



122.8910, -96.6410, -49.2570



159.4030, 25.7120, 51.6640



143.5950, 21.3280, -45.1360

Square

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



159.4030, 25.7120, 51.6640



151.4580, 83.4910, 1.2110



130.7890, -43.8680, -53.0200



131.5840, -128.0080, -14.9200

Rectangle

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



159.4030, 25.7120, 51.6640



151.2980, 82.5670, 39.9990



130.7890, -43.8680, -53.0200



127.9240, -109.4350, -37.6510

Sweetspot

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



159.4030, 25.7120, 51.6640



233.5690, 9.3040, 18.6160



132.1610, -32.9250, 29.5310



114.7870, 5.4540, 11.2940



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.



159.4030, 25.7120, 51.6640



171.6240, 36.1160, 72.3720



154.9420, 42.5870, 37.6830



103.2440, 2.4290, 5.5410



69.9540, 44.5950, 89.4190



18.6990, 12.0540, 23.8460

Inverse Universe

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



149.2420, 58.6370, 22.1330



157.3160, 82.1560, 30.9240



183.0580, -42.5870, -37.6830



102.2890, 6.5560, 2.3320



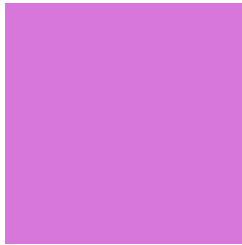
52.2970, 101.5030, 38.2310



13.8680, 27.0950, 10.0630

Previews

White Background



This preview shows how the YIQ color 159.4030, 25.7120, 51.6640 looks on a white background.

Color Contrast Check

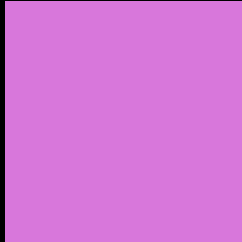
Large Text (above 18pt) WCAG AA × Fail

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 159.4030, 25.7120, 51.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

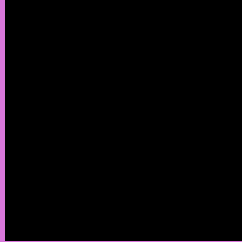
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.4030, 25.7120, 51.6640

Background



This preview shows how black text looks on a background with the YIQ color 159.4030, 25.7120, 51.6640.



This preview shows how white text looks on a background with the YIQ color 159.4030, 25.7120,

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

159.4030, 25.7120, 51.6640

Protanopia

153.8490, -49.8420, 22.2380

Deuteranopia

155.9420, -28.4750, 14.9570



Tritanopia

158.3690, 39.1060, 18.1620

Trichromacy



Original Color

159.4030, 25.7120, 51.6640



Protanomaly

156.1300, -22.4720, 32.8240



Deuteranomaly

156.9110, -8.8540, 28.3140



Tritanomaly

158.8220, 33.8770, 30.3330

Monochromacy



Original Color

159.4030, 25.7120, 51.6640



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.9820, 9.5790, 19.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4030, 25.7120, 51.6640 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(216, 119, 219)` looks like.

```
.text, #text, p{  
    color:rgb(216, 119, 219)  
}
```

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(216, 119, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 119, 219) }
```

Border

The CSS property to change the border of an element to YIQ 159.4030, 25.7120, 51.6640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

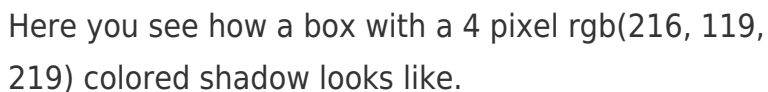
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 119, 219) }
```


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

```
.border{ border-color:rgb(216, 119, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 119, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 119, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 119, 219);  
box-shadow:4px 4px 4px 4px rgb(216, 119,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4030, 25.7120, 51.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 119, 219) }
```

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

```
.background{ background-color: rgb(216,  
119, 219) }
```

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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