

Converting Colors

YIQ(151.4880, 24.3350, 60.1030)

Have a look what the booklet for
YIQ(151.4880, 24.3350, 60.1030)
contains.

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Color

**YIQ(151.4880, 24.3350,
60.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	D46AE3
RGB	212, 106, 227
RGB Percent	83%, 42%, 89%
CMY	0.1683, 0.5845, 0.1098
CMYK	0.07, 0.53, 0.00, 0.11
HSL	293°, 68%, 65%
HSV	293°, 53%, 89%
XYZ	46.1902, 29.8545, 76.0016
YIQ	151.4880, 24.3350, 60.1030

Conversions

Conversions Part 2

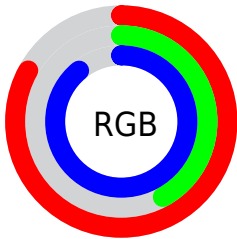
Format	Color
R _Y B	212, 106, 227
Decimal	13920995
CIE Lab	61.53, 58.93, -43.74
CIE LCh	62, 73.390, 323.414
Yxy	29.8545, 0.3038, 0.1964
Android (android.graphics.Color)	4292111075 (0xFFD46AE3)
YUV	151.4880, 37.2274, 53.0690
Hunter-Lab	54.6393, 55.2790, -44.2231

Details

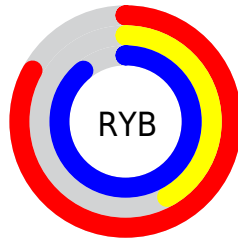
The YIQ color $151.4880, 24.3350, 60.1030$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $181.5120, -24.3350, -60.1030$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.8220, 25.8500, 49.1620$, and $95.1890, 23.7390, 59.8910$ is the 20% darker color. If you saturate the color by 10%, you get $137.0900, 28.8720, 71.4960$, and if you desaturate by 10%, it is $165.8860, 19.7980, 48.7100$.

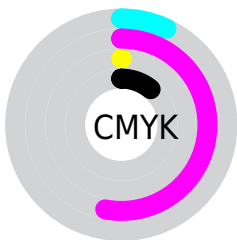
Distribution



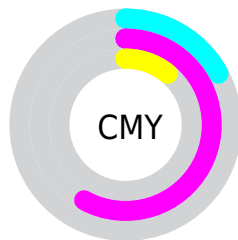
- Red (83%)
- Green (42%)
- Blue (89%)



- Red (83%)
- Yellow (42%)
- Blue (89%)



- Cyan (7%)
- Magenta (53%)
- Yellow (0%)
- Black (11%)





- Cyan (17%)
- Magenta (58%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4880, 24.3350, 60.1030 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 151.4880, 24.3350, 60.1030 by changing the saturation by 10% instead.


 151.4880, 24.3350,
60.1030


 151.4880, 24.3350,
60.1030


255.0000, -0.0000,
-0.0000


 123.7760, 23.4640,
59.3680


 199.8220, 25.8500,
49.1620


 95.1890, 23.7390,
59.8910


 216.2580, 18.1500,
34.5180


 63.7810, 25.0680,
63.3400

 233.2810, 10.1750,
19.3510

 43.3520, 21.7220,
57.8980

 250.8910, 1.9250,
3.6610

 32.4290, 13.6550,
44.3990

 22.2180, 6.4590,
31.6350

 9.9140, -4.9090,

17.3870

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 151.4880, 24.3350,
60.1030

■ 151.4880, 24.3350,
60.1030

■ 137.0900, 28.8720,
71.4960

■ 165.8860, 19.7980,
48.7100

■ 123.2790, 33.1340,
82.3660

■ 179.6970, 15.5360,
37.8400

■ 109.1800, 38.2670,
93.9710

■ 193.7960, 10.4030,
26.2350

■ 94.7820, 42.8040,
105.3640

■ 208.1940, 5.8660,
14.8420

85.3790, 45.7370,
112.7850

222.0050, 1.6040,
3.9720

236.4030, -2.9330,
-7.4210

244.9310, -4.7200,
-13.5840

245.5290, -3.5280,
-13.1600

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.



144.4610, -51.2650, 31.5110



151.4880, 24.3350, 60.1030



142.1290, 76.6940, 63.8460

Triad

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



151.4880, 24.3350, 60.1030



139.5770, 74.4650, -33.4630



127.1720, -112.8290, -31.2050

Complementary

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



151.4880, 24.3350, 60.1030



181.5120, -24.3350, -60.1030

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.



118.9470, -91.0470, -51.5190



151.4880, 24.3350, 60.1030



132.4910, 32.8840, -56.3320

Square

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



151.4880, 24.3350, 60.1030



141.5690, 96.4200, 3.6840



113.4570, -58.0330, -66.1370



130.2790, -128.4670, -12.1070

Rectangle

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



151.4880, 24.3350, 60.1030



136.5260, 91.0930, 50.6850



113.4570, -58.0330, -66.1370



124.6640, -105.7670, -38.0470

Sweetspot

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



151.4880, 24.3350, 60.1030



229.4380, 8.2950, 20.3830



129.1860, -43.2410, 29.2630



112.4280, 5.0870, 12.4390



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.



151.4880, 24.3350, 60.1030



153.3390, 32.9050, 81.0090



150.9570, 47.3990, 49.5990



107.3580, 2.1080, 5.8520



67.3490, 36.1130, 88.9530



19.2690, 10.4490, 25.4010

Inverse Universe

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



143.8890, 67.3010, 30.3170



143.0170, 90.7280, 40.7760



182.0430, -47.3990, -49.5990



106.8160, 6.5100, 3.1660



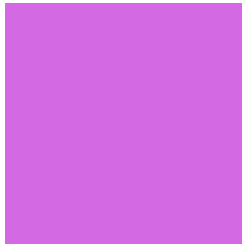
56.0290, 99.6220, 44.7900



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 151.4880, 24.3350, 60.1030 looks on a white background.

Color Contrast Check

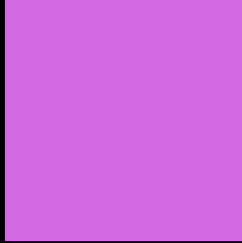
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.4880, 24.3350, 60.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

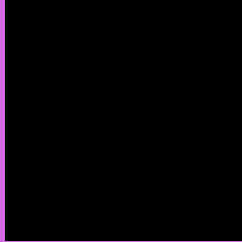
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.4880, 24.3350, 60.1030

Background



This preview shows how black text looks on a background with the YIQ color 151.4880, 24.3350, 60.1030.



This preview shows how white text looks on a background with the YIQ color 151.4880, 24.3350,

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

151.4880, 24.3350, 60.1030

Protanopia

144.3840, -61.5340, 24.8820

Deuteranopia

147.4230, -40.0750, 15.9330



Tritanopia

151.2550, 39.4270, 17.8510

Trichromacy



Original Color

151.4880, 24.3350, 60.1030



Protanomaly

146.9860, -30.6340, 37.5740



Deuteranomaly

149.1260, -16.6490, 31.9190



Tritanomaly

151.4030, 33.7390, 32.8350

Monochromacy



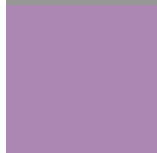
Original Color

151.4880, 24.3350, 60.1030



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.3780, 8.5240, 21.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4880, 24.3350, 60.1030 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(212, 106, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 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(212, 106, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 227) }
```

Border

The CSS property to change the border of an element to YIQ 151.4880, 24.3350, 60.1030 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(212, 106, 227) }
```


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

```
.border{ border-color:rgb(212, 106, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4880, 24.3350, 60.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 227) }
```

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

```
.background{ background-color: rgb(212,  
106, 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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