

Converting Colors

YIQ(178.1340, 15.2630, 26.2630)

Have a look what the booklet for
YIQ(178.1340, 15.2630, 26.2630)
contains.

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Color

**YIQ(178.1340, 15.2630,
26.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	D19DCE
RGB	209, 157, 206
RGB Percent	82%, 62%, 81%
CMY	0.1802, 0.3844, 0.1921
CMYK	0.00, 0.25, 0.01, 0.18
HSL	303°, 36%, 72%
HSV	303°, 25%, 82%
XYZ	49.5002, 42.1241, 63.9180
YIQ	178.1340, 15.2630, 26.2630

Conversions

Conversions Part 2

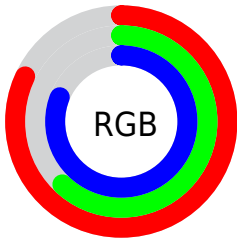
Format	Color
R_{YB}	209, 157, 206
Decimal	13737422
CIE _{Lab}	70.96, 27.47, -17.54
CIE _{LCh}	71, 32.587, 327.441
Yxy	42.1241, 0.3182, 0.2708
Android (android.graphics.Color)	4291927502 (0xFFD19DCE)
YUV	178.1340, 13.7379, 27.0695
Hunter-Lab	64.9031, 22.5576, -12.9579

Details

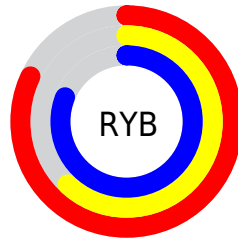
The YIQ color $178.1340, 15.2630, 26.2630$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $187.8660, -15.2630, -26.2630$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.7590, 11.8250, 22.4890$, and $125.0090, 14.1170, 25.0050$ is the 20% darker color. If you saturate the color by 10%, you get $165.6930, 21.3590, 36.9350$, and if you desaturate by 10%, it is $190.5750, 9.1670, 15.5910$.

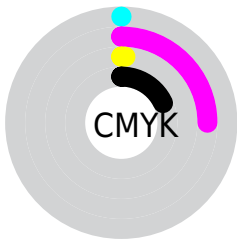
Distribution



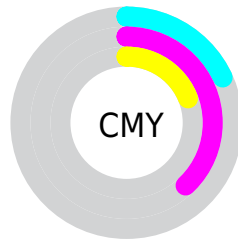
- Red (82%)
- Green (62%)
- Blue (81%)



- Red (82%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1340, 15.2630, 26.2630 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 178.1340, 15.2630, 26.2630 by changing the saturation by 10% instead.

■ 178.1340, 15.2630,
26.2630

■ 178.1340, 15.2630,
26.2630

255.0000, -0.0000,
-0.0000

■ 151.3080, 14.7130,
25.2170

■ 229.7590, 11.8250,
22.4890

■ 125.0090, 14.1170,
25.0050

■ 246.1950, 4.1250,
7.8450

■ 99.2970, 13.2460,
24.2700

■ 75.4710, 12.6960,
23.2240

■ 51.7590, 11.8250,
22.4890

■ 27.8730, 11.5040,
22.8000

■ 14.2270, 10.2670,

17.6830

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 178.1340, 15.2630,
26.2630

■ 178.1340, 15.2630,
26.2630

■ 165.6930, 21.3590,
36.9350

■ 190.5750, 9.1670,
15.5910

■ 153.2520, 27.4550,
47.6070

■ 203.0160, 3.0710,
4.9190

■ 140.6970, 33.8720,
57.9680

■ 215.5710, -3.3460,
-5.4420

■ 128.2560, 39.9680,
68.6400

■ 228.0120, -9.4420,
-16.1140

115.8150, 46.0640,
79.3120

236.3440,
-13.6130, -23.1250

103.9610, 51.8850,
89.4610

236.4580,
-13.9340, -22.8140

91.4060, 58.3020,
99.8220

236.6860,
-14.5760, -22.1920

84.9490, 61.3270,
105.5750

236.8000,
-14.8970, -21.8810

236.9140,
-15.2180, -21.5700

Harmonies

Analogous

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



175.8190, -14.7670, 19.8330



178.1340, 15.2630, 26.2630



177.2860, 38.1420, 24.6220

Triad

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



178.1340, 15.2630, 26.2630



172.2760, 33.7930, -12.2150



155.8690, -72.0710, -20.9590

Complementary

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



178.1340, 15.2630, 26.2630



187.8660, -15.2630, -26.2630

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.



159.9130, -49.0080, -25.9360



178.1340, 15.2630, 26.2630



168.9740, 10.9160, -21.6280

Square

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



178.1340, 15.2630, 26.2630



174.5370, 46.7200, 1.3120



165.0120, -18.6100, -26.1780



160.3290, -70.0100, -8.7460

Rectangle

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



178.1340, 15.2630, 26.2630



176.7890, 46.6710, 18.7270



165.0120, -18.6100, -26.1780



156.5120, -66.7520, -23.7440

Sweetspot

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



178.1340, 15.2630, 26.2630



244.3200, 5.2710, 9.1030



163.8250, -14.9040, 16.8080



121.4290, 3.3460, 5.4420



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.



178.1340, 15.2630, 26.2630



209.9320, 22.1840, 38.5040



175.1700, 23.6090, 18.1770



98.4290, 3.3460, 5.4420



68.2440, 49.4100, 84.7540



16.5910, 12.2380, 20.5100

Inverse Universe

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



178.1340, 15.2630, 26.2630



209.9320, 22.1840, 38.5040



190.8300, -23.6090, -18.1770



98.4290, 3.3460, 5.4420



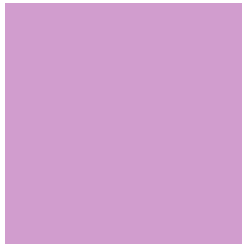
68.2440, 49.4100, 84.7540



16.5910, 12.2380, 20.5100

Previews

White Background



This preview shows how the YIQ color 178.1340, 15.2630, 26.2630 looks on a white background.

Color Contrast Check

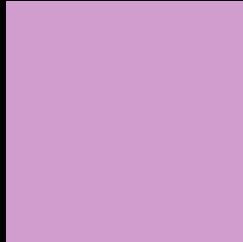
Large Text (above 18pt) WCAG AA × Fail

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 178.1340, 15.2630, 26.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

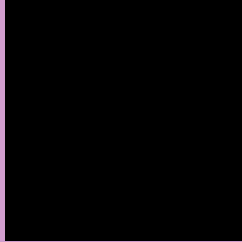
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1340, 15.2630, 26.2630

Background



This preview shows how black text looks on a background with the YIQ color 178.1340, 15.2630, 26.2630.



This preview shows how white text looks on a background with the YIQ color 178.1340, 15.2630,

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

178.1340, 15.2630, 26.2630

Protanopia

174.3250, -19.4880, 11.7760

Deuteranopia

175.9690, -6.7420, 12.0580



Tritanopia

176.9260, 21.1800, 12.6360

Trichromacy



Original Color

178.1340, 15.2630, 26.2630

Protanomaly

176.0170, -6.6970, 16.7510

Deuteranomaly

176.7360, 1.4640, 17.5280

Tritanomaly

177.3050, 18.7950, 17.3150

Monochromacy



Original Color

178.1340, 15.2630, 26.2630

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7330, 5.5460, 9.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1340, 15.2630, 26.2630 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(209, 157, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 157, 206)  
}
```

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(209, 157, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 157, 206) }
```

Border

The CSS property to change the border of an element to YIQ 178.1340, 15.2630, 26.2630 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(209, 157, 206) }
```


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

```
.border{ border-color:rgb(209, 157, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 157, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 157, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 157, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 157,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1340, 15.2630, 26.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 157, 206) }
```

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

```
.background{ background-color: rgb(209,  
157, 206) }
```

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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