

Converting Colors

YIQ(140.1680, 28.2320, 61.0640)

Have a look what the booklet for
YIQ(140.1680, 28.2320, 61.0640)
contains.

YIQ(140.1680, 28.2320, 61.0640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(140.1680, 28.2320,
61.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	CD5DD5
RGB	205, 93, 213
RGB Percent	80%, 36%, 84%
CMY	0.1957, 0.6355, 0.1647
CMYK	0.04, 0.56, 0.00, 0.16
HSL	296°, 59%, 60%
HSV	296°, 56%, 84%
XYZ	41.1220, 25.6164, 65.7311
YIQ	140.1680, 28.2320, 61.0640

Conversions

Conversions Part 2

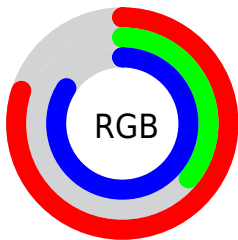
Format	Color
R _{YB}	205, 93, 213
Decimal	13458901
CIE _{Lab}	57.67, 60.62, -42.01
CIE _{LCh}	58, 73.753, 325.275
Yxy	25.6164, 0.3104, 0.1934
Android (android.graphics.Color)	4291648981 (0xFFCD5DD5)
YUV	140.1680, 35.9062, 56.8577
Hunter-Lab	50.6126, 56.4564, -41.5717

Details

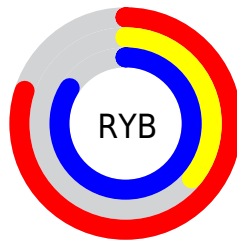
The YIQ color $140.1680, 28.2320, 61.0640$ is a light color, and the websafe version is hex $CC66CC$. The color can be described as light muted magenta. A complement of this color would be $165.8320, -28.2320, -61.0640$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.1910, 29.4250, 55.9610$, and $82.2220, 28.1400, 62.7320$ is the 20% darker color. If you saturate the color by 10%, you get $127.5420, 33.4110, 71.8350$, and if you desaturate by 10%, it is $152.7940, 23.0530, 50.2930$.

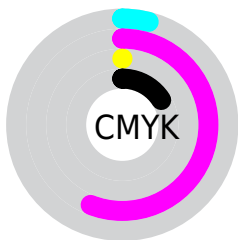
Distribution



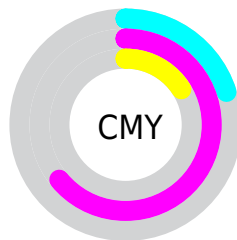
- Red (80%)
- Green (36%)
- Blue (84%)



- Red (80%)
- Yellow (36%)
- Blue (84%)



- Cyan (4%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)





- Cyan (20%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.1680, 28.2320, 61.0640 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 140.1680, 28.2320, 61.0640 by changing the saturation by 10% instead.


 140.1680, 28.2320,
61.0640


 140.1680, 28.2320,
61.0640


255.0000, -0.0000,
-0.0000

 111.8690, 27.6360,
60.8520


 192.1910, 29.4250,
55.9610

 82.2220, 28.1400,
62.7320


 209.2140, 21.4500,
40.7940

 50.8140, 29.4690,
66.1810

 225.6500, 13.7500,
26.1500

 39.8910, 21.4020,
52.6820

 242.6730, 5.7750,
10.9830

 28.9680, 13.3350,
39.1830

 19.0560, 6.7350,
26.6310

 3.8760, -10.9140,

10.5740

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 140.1680, 28.2320,
61.0640

■ 140.1680, 28.2320,
61.0640

■ 127.5420, 33.4110,
71.8350

■ 152.7940, 23.0530,
50.2930

■ 114.0300, 38.2690,
82.9170

■ 166.3060, 18.1950,
39.2110

■ 101.4040, 43.4480,
93.6880

■ 178.9320, 13.0160,
28.4400

■ 88.4790, 48.0310,
104.2470

■ 191.8570, 8.4330,
17.8810

83.7830, 50.2310,
108.4310

204.4830, 3.2540,
7.1100

217.9950, -1.6040,
-3.9720

230.6210, -6.7830,
-14.7430

238.5510, -9.7620,
-21.3300

239.1490, -8.5700,
-20.9060

Harmonies

Analogous

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



136.5200, -49.7530, 37.1510



140.1680, 28.2320, 61.0640



129.0370, 79.9490, 65.4290

Triad

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



140.1680, 28.2320, 61.0640



129.8090, 68.0000, -31.9360



119.9170, -107.5570, -27.6290

Complementary

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



140.1680, 28.2320, 61.0640



165.8320, -28.2320, -61.0640

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.



111.8060, -86.0960, -47.6320



140.1680, 28.2320, 61.0640



122.7230, 26.4190, -54.8050

Square

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



140.1680, 28.2320, 61.0640



130.2760, 95.6870, 0.4470



101.8200, -63.4890, -66.3770



122.9100, -122.8740, -8.8420

Rectangle

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



140.1680, 28.2320, 61.0640



126.2170, 96.4570, 52.5930



101.8200, -63.4890, -66.3770



117.5230, -100.8160, -34.1600

Sweetspot

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



140.1680, 28.2320, 61.0640



228.8620, 10.0370, 21.8530



111.3760, -40.7200, 33.1360



112.1400, 5.9580, 13.1740



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.



140.1680, 28.2320, 61.0640



150.1600, 41.0190, 88.1470



136.6320, 49.6920, 46.5880



100.2440, 2.4290, 5.5410



67.3340, 40.4690, 87.1010



16.8620, 10.0370, 21.8530

Inverse Universe

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



129.7920, 68.9520, 27.9280



134.9810, 99.5770, 40.0970



169.3680, -49.6920, -46.5880



99.4030, 6.2350, 2.6430



52.3830, 98.3850, 39.6730



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 140.1680, 28.2320, 61.0640 looks on a white background.

Color Contrast Check

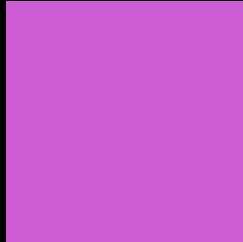
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.1680, 28.2320, 61.0640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

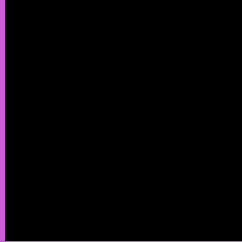
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.1680, 28.2320, 61.0640

Background



This preview shows how black text looks on a background with the YIQ color 140.1680, 28.2320, 61.0640.



This preview shows how white text looks on a background with the YIQ color 140.1680, 28.2320,

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

140.1680, 28.2320, 61.0640

Protanopia

132.3770, -68.8240, 24.8400

Deuteranopia

137.2660, -38.1950, 14.9010



Tritanopia

140.3480, 43.5990, 19.3350

Trichromacy



Original Color

140.1680, 28.2320, 61.0640



Protanomaly

135.4310, -33.3850, 37.8710



Deuteranomaly

138.6810, -13.8980, 31.6220



Tritanomaly

140.4960, 37.9110, 34.3190

Monochromacy



Original Color

140.1680, 28.2320, 61.0640



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.2750, 10.3120, 22.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.1680, 28.2320, 61.0640 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(205, 93, 213)` looks like.

```
.text, #text, p{  
    color:rgb(205, 93, 213)  
}
```

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(205, 93, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 93, 213) }
```

Border

The CSS property to change the border of an element to YIQ 140.1680, 28.2320, 61.0640 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(205, 93, 213) }
```


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

```
.border{ border-color:rgb(205, 93, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 93, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 93, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 93, 213);  
box-shadow:4px 4px 4px 4px rgb(205, 93,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 140.1680, 28.2320, 61.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 93, 213) }
```

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

```
.background{ background-color: rgb(205, 93,  
213) }
```

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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