

Converting Colors

YIQ(137.9080, 13.5640, 40.5400)

Have a look what the booklet for
YIQ(137.9080, 13.5640, 40.5400)
contains.

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Color

**YIQ(137.9080, 13.5640,
40.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	B06CC0
RGB	176, 108, 192
RGB Percent	69%, 42%, 75%
CMY	0.3096, 0.5766, 0.2471
CMYK	0.08, 0.44, 0.00, 0.25
HSL	289°, 40%, 59%
HSV	289°, 44%, 75%
XYZ	32.7905, 23.7613, 52.7256
YIQ	137.9080, 13.5640, 40.5400

Conversions

Conversions Part 2

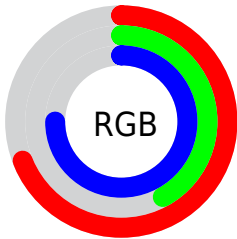
Format	Color
R _Y B	176, 108, 192
Decimal	11562176
CIE Lab	55.85, 40.99, -33.18
CIE LCh	56, 52.733, 321.010
Yxy	23.7613, 0.3001, 0.2174
Android (android.graphics.Color)	4289752256 (0xFFB06CC0)
YUV	137.9080, 26.6674, 33.4067
Hunter-Lab	48.7455, 34.7701, -30.0092

Details

The YIQ color **137.9080, 13.5640, 40.5400** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **162.0920, -13.5640, -40.5400**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.5600, 14.6640, 42.6320**, and **86.2560, 12.4640, 38.4480** is the 20% darker color. If you saturate the color by 10%, you get **125.5590, 16.4050, 49.6290**, and if you desaturate by 10%, it is **150.2570, 10.7230, 31.4510**.

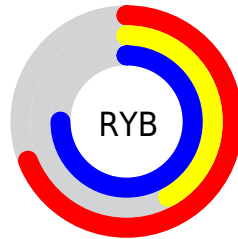
Distribution



Red (69%)

Green (42%)

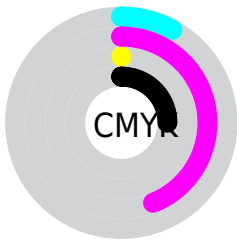
Blue (75%)



Red (69%)

Yellow (42%)

Blue (75%)

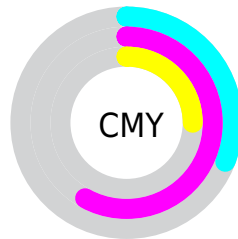


Cyan (8%)

Magenta (44%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (58%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9080, 13.5640, 40.5400 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 137.9080, 13.5640, 40.5400 by changing the saturation by 10% instead.

■ 137.9080, 13.5640,
40.5400

■ 137.9080, 13.5640,
40.5400

255.0000, -0.0000,
-0.0000

■ 111.4950, 13.2890,
40.0170

■ 192.5600, 14.6640,
42.6320

■ 86.2560, 12.4640,
38.4480

■ 216.2580, 18.1500,
34.5180

■ 60.2560, 12.4640,
38.4480

■ 232.6940, 10.4500,
19.8740

■ 32.7230, 12.6470,
40.6390

■ 249.7170, 2.4750,
4.7070

■ 20.7510, 6.2760,
29.4440

■ 11.2520, -0.0490,
17.4150

■ 2.7530, -6.3740,

5.3860

0.0000, 0.0000,
0.0000

137.9080, 13.5640,
40.5400

137.9080, 13.5640,
40.5400

125.5590, 16.4050,
49.6290

150.2570, 10.7230,
31.4510

113.5090, 19.8420,
58.9300

162.3070, 7.2860,
22.1500

100.5730, 22.9580,
68.5420

175.2430, 4.1700,
12.5380

88.2240, 25.7990,
77.6310

187.5920, 1.3290,
3.4490

76.1740, 29.2360,
86.9320

199.6420, -2.1080,
-5.8520

■ 68.5320, 31.3440,
92.7840

■ 211.9910, -4.9490,
-14.9410

■ 224.3400, -7.7900,
-24.0300

■ 232.8680, -9.5770,
-30.1930

■ 234.0640, -7.1930,
-29.3450

Harmonies

Analogous

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



132.5190, -39.9850, 25.3190



137.9080, 13.5640, 40.5400



134.4810, 51.4350, 42.5310

Triad

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



137.9080, 13.5640, 40.5400



129.5970, 54.5180, -18.8740



110.3820, -95.8650, -30.2730

Complementary

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



137.9080, 13.5640, 40.5400



162.0920, -13.5640, -40.5400

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.



104.4370, -80.5030, -44.3670



137.9080, 13.5640, 40.5400



125.4140, 23.7560, -34.0680

Square

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



137.9080, 13.5640, 40.5400



131.6770, 69.8730, 5.7210



117.6010, -22.3670, -40.6950



112.4800, -107.2840, -16.0520

Rectangle

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



137.9080, 13.5640, 40.5400



132.7520, 66.4290, 35.1090



117.6010, -22.3670, -40.6950



108.6720, -91.0500, -34.9380

Sweetspot

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



137.9080, 13.5640, 40.5400



228.8350, 5.4990, 15.9870



127.5550, -31.6390, 17.2330



112.0640, 3.1160, 9.6120



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.9080, 13.5640, 40.5400



164.4540, 21.6750, 64.2590



139.8420, 31.1250, 36.1570



90.5320, 1.5580, 4.8060



57.2240, 25.7990, 77.6310



11.8350, 5.4990, 15.9870

Inverse Universe

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



134.9400, 44.9280, 22.7840



159.7310, 70.9220, 36.2820



160.1580, -31.1250, -36.1570



90.2180, 5.3180, 2.7420



51.5590, 86.3260, 43.4620



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 137.9080, 13.5640, 40.5400 looks on a white background.

Color Contrast Check

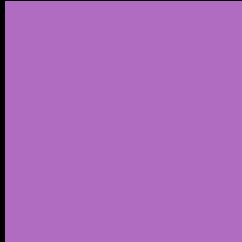
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9080, 13.5640, 40.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

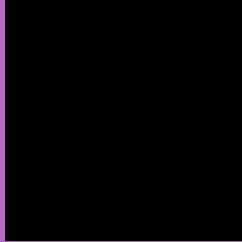
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.9080, 13.5640, 40.5400

Background



This preview shows how black text looks on a background with the YIQ color 137.9080, 13.5640, 40.5400.



This preview shows how white text looks on a background with the YIQ color 137.9080, 13.5640,

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

137.9080, 13.5640, 40.5400

Protanopia

132.7480, -42.3680, 18.9440

Deuteranopia

134.0730, -27.4660, 13.1900



Tritanopia

136.4810, 23.9310, 12.3390

Trichromacy



Original Color

137.9080, 13.5640, 40.5400

Protanomaly

134.4410, -22.1500, 26.9860

Deuteranomaly

135.5960, -12.5210, 23.1830

Tritanomaly

136.9510, 20.0320, 22.4320

Monochromacy



Original Color

137.9080, 13.5640, 40.5400

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0090, 4.9490, 14.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9080, 13.5640, 40.5400 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(176, 108, 192)` looks like.

```
.text, #text, p{  
    color:rgb(176, 108, 192)  
}
```

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(176, 108, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 108, 192) }
```

Border

The CSS property to change the border of an element to YIQ 137.9080, 13.5640, 40.5400 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(176, 108, 192) }
```


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

```
.border{ border-color:rgb(176, 108, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 108, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 108, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 108, 192);  
box-shadow:4px 4px 4px 4px rgb(176, 108,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9080, 13.5640, 40.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 108, 192) }
```

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

```
.background{ background-color: rgb(176,  
108, 192) }
```

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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