

Converting Colors

YIQ(142.6260, 14.2980, 38.2500)

Have a look what the booklet for
YIQ(142.6260, 14.2980, 38.2500)
contains.

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Color

**YIQ(142.6260, 14.2980,
38.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	B472C0
RGB	180, 114, 192
RGB Percent	71%, 45%, 75%
CMY	0.2939, 0.5530, 0.2471
CMYK	0.06, 0.41, 0.00, 0.25
HSL	291°, 38%, 60%
HSV	291°, 41%, 75%
XYZ	34.3631, 25.5437, 52.9879
YIQ	142.6260, 14.2980, 38.2500

Conversions

Conversions Part 2

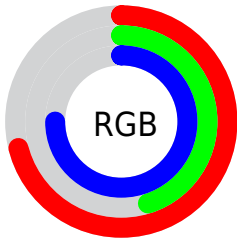
Format	Color
R_{YB}	180, 114, 192
Decimal	11825856
CIE _{Lab}	57.60, 38.95, -30.42
CIE _{LCh}	58, 49.417, 322.013
Yxy	25.5437, 0.3044, 0.2263
Android (android.graphics.Color)	4290015936 (0xFFB472C0)
YUV	142.6260, 24.3414, 32.7770
Hunter-Lab	50.5408, 32.9173, -26.7822

Details

The YIQ color **142.6260, 14.2980, 38.2500** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **163.3740, -14.2980, -38.2500**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.2780, 15.3980, 40.3420**, and **90.9740, 13.1980, 36.1580** is the 20% darker color. If you saturate the color by 10%, you get **130.5760, 17.7350, 47.5510**, and if you desaturate by 10%, it is **154.6760, 10.8610, 28.9490**.

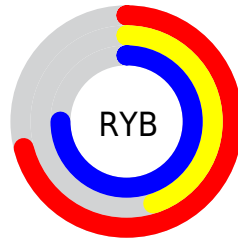
Distribution



Red (71%)

Green (45%)

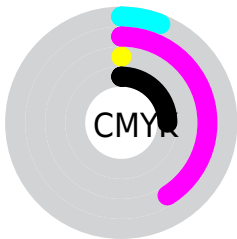
Blue (75%)



Red (71%)

Yellow (45%)

Blue (75%)

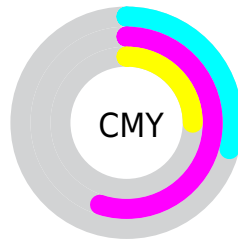


Cyan (6%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.6260, 14.2980, 38.2500 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 142.6260, 14.2980, 38.2500 by changing the saturation by 10% instead.

142.6260, 14.2980,
38.2500

142.6260, 14.2980,
38.2500

255.0000, -0.0000,
-0.0000

116.2130, 14.0230,
37.7270

197.2780, 15.3980,
40.3420

90.9740, 13.1980,
36.1580

219.7800, 16.5000,
31.3800

65.5610, 12.9230,
35.6350

236.2160, 8.8000,
16.7360

39.2020, 12.5560,
36.7800

253.2390, 0.8250,
1.5690

21.9470, 8.6600,
30.2920

13.4590, 3.8020,
19.2100

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 142.6260, 14.2980,
38.2500

■ 142.6260, 14.2980,
38.2500

■ 130.5760, 17.7350,
47.5510

■ 154.6760, 10.8610,
28.9490

■ 118.5260, 21.1720,
56.8520

■ 166.7260, 7.4240,
19.6480

■ 105.8890, 24.8840,
66.6760

■ 179.3630, 3.7120,
9.8240

■ 93.8390, 28.3210,
75.9770

■ 191.4130, 0.2750,
0.5230

■ 81.7890, 31.7580,
85.2780

■ 203.4630, -3.1620,
-8.7780

70.6250, 35.5160,
94.2680

215.5130, -6.5990,
-18.0790

227.5630,
-10.0360, -27.3800

232.5690,
-10.1730, -30.4050

233.4660, -8.3850,
-29.7690

Harmonies

Analogous

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



138.6290, -34.4830, 24.7250



142.6260, 14.2980, 38.2500



139.7040, 49.1890, 39.1810

Triad

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



142.6260, 14.2980, 38.2500



134.4980, 50.4830, -17.3330



113.1860, -98.2490, -31.1210

Complementary

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



142.6260, 14.2980, 38.2500



163.3740, -14.2980, -38.2500

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.



107.5830, -83.8500, -44.2820



142.6260, 14.2980, 38.2500



130.9130, 20.9130, -32.1030

Square

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



142.6260, 14.2980, 38.2500



136.8830, 66.2970, 4.4490



123.4810, -21.9090, -37.9810



115.0560, -109.0260, -17.5220

Rectangle

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



142.6260, 14.2980, 38.2500



137.9040, 62.9450, 32.1690



123.4810, -21.9090, -37.9810



111.5900, -93.7550, -35.4750

Sweetspot

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



142.6260, 14.2980, 38.2500



230.8950, 5.2700, 14.6300



130.5230, -28.6130, 17.4590



113.5370, 3.1620, 8.7780



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.



142.6260, 14.2980, 38.2500



172.1180, 22.5010, 60.3010



143.2500, 29.7960, 32.7080



90.5320, 1.5580, 4.8060



59.0180, 29.3750, 78.9030



12.1340, 6.0950, 16.1990

Inverse Universe

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



138.6900, 42.6360, 20.2680



165.9430, 67.2090, 31.9850



162.7500, -29.7960, -32.7080



90.2180, 5.3180, 2.7420



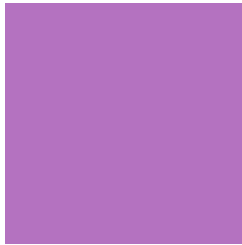
50.9890, 87.9310, 41.9070



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 142.6260, 14.2980, 38.2500 looks on a white background.

Color Contrast Check

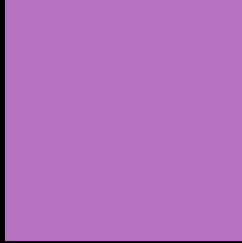
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6260, 14.2980, 38.2500 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 142.6260, 14.2980, 38.2500

Background



This preview shows how black text looks on a background with the YIQ color 142.6260, 14.2980, 38.2500.



This preview shows how white text looks on a background with the YIQ color 142.6260, 14.2980,

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

142.6260, 14.2980, 38.2500

Protanopia

137.5590, -37.4620, 18.1380

Deuteranopia

139.2260, -23.5230, 13.3170



Tritanopia

140.8940, 24.2060, 12.8620

Trichromacy



Original Color

142.6260, 14.2980, 38.2500



Protanomaly

139.2410, -18.7110, 25.2330



Deuteranomaly

140.6240, -9.7240, 22.0520



Tritanomaly

141.7230, 20.6740, 21.8100

Monochromacy



Original Color

142.6260, 14.2980, 38.2500



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

142.4820, 4.9950, 14.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6260, 14.2980, 38.2500 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(180, 114, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 114, 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(180, 114, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 114, 192) }
```

Border

The CSS property to change the border of an element to YIQ 142.6260, 14.2980, 38.2500 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(180, 114, 192) }
```


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

```
.border{ border-color:rgb(180, 114, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 114, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 114,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6260, 14.2980, 38.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 114, 192) }
```

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

```
.background{ background-color: rgb(180,  
114, 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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