

Converting Colors

YIQ(144.0760, 13.1510, 42.5190)

Have a look what the booklet for
YIQ(144.0760, 13.1510, 42.5190)
contains.

YIQ(144.0760, 13.1510, 42.5190)	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(144.0760, 13.1510,
42.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	B771CA
RGB	183, 113, 202
RGB Percent	72%, 44%, 79%
CMY	0.2821, 0.5570, 0.2079
CMYK	0.09, 0.44, 0.00, 0.21
HSL	287°, 46%, 62%
HSV	287°, 44%, 79%
XYZ	36.1039, 26.1420, 59.0175
YIQ	144.0760, 13.1510, 42.5190

Conversions

Conversions Part 2

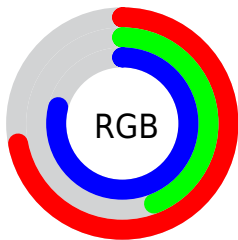
Format	Color
R_{YB}	183, 113, 202
Decimal	12022218
CIE _{Lab}	58.17, 42.41, -35.19
CIE _{LCh}	58, 55.103, 320.316
Yxy	26.1420, 0.2977, 0.2156
Android (android.graphics.Color)	4290212298 (0xFFB771CA)
YUV	144.0760, 28.5565, 34.1363
Hunter-Lab	51.1293, 36.5681, -32.6468

Details

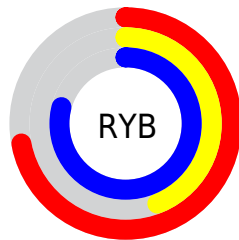
The YIQ color **144.0760, 13.1510, 42.5190** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **170.9240, -13.1510, -42.5190**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2720, 15.5350, 43.3670**, and **91.5380, 11.7300, 40.7380** is the 20% darker color. If you saturate the color by 10%, you get **131.1400, 16.2670, 52.1310**, and if you desaturate by 10%, it is **157.0120, 10.0350, 32.9070**.

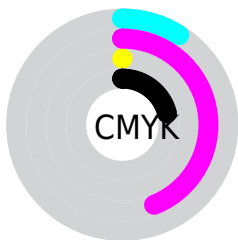
Distribution



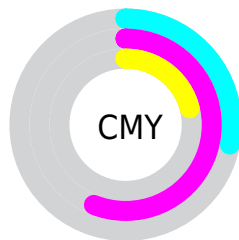
- Red (72%)
- Green (44%)
- Blue (79%)



- Red (72%)
- Yellow (44%)
- Blue (79%)



- Cyan (9%)
- Magenta (44%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (56%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.0760, 13.1510, 42.5190 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 144.0760, 13.1510, 42.5190 by changing the saturation by 10% instead.

144.0760, 13.1510,
42.5190

144.0760, 13.1510,
42.5190

255.0000, -0.0000,
-0.0000

117.2500, 12.6010,
41.4730

198.2720, 15.5350,
43.3670

91.5380, 11.7300,
40.7380

219.1930, 16.7750,
31.9030

66.0110, 11.7760,
39.9040

235.6290, 9.0750,
17.2590

38.3640, 12.2800,
41.7840

252.6520, 1.1000,
2.0920

23.4570, 7.2840,
33.2040

14.5560, 2.1510,
21.5990

3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 144.0760, 13.1510,
42.5190

■ 144.0760, 13.1510,
42.5190

■ 131.1400, 16.2670,
52.1310

■ 157.0120, 10.0350,
32.9070

■ 117.9050, 18.7870,
61.5310

■ 170.2470, 7.5150,
23.5070

■ 104.3820, 22.1780,
71.6660

■ 183.7700, 4.1240,
13.3720

■ 91.4460, 25.2940,
81.2780

■ 196.7060, 1.0080,
3.7600

■ 78.5100, 28.4100,
90.8900

■ 209.9410, -1.5120,
-5.6400

70.5690, 29.9220,
96.5300

222.8770, -4.6280,
-15.2520

235.8130, -7.7440,
-24.8640

237.5960, -5.6350,
-24.5390

239.0910, -2.6550,
-23.4790

Harmonies

Analogous

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



138.1920, -43.3780, 26.2380



144.0760, 13.1510, 42.5190



140.7310, 53.7270, 45.0470

Triad

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



144.0760, 13.1510, 42.5190



135.3370, 58.1860, -19.2700



115.2890, -100.0370, -31.7570

Complementary

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



144.0760, 13.1510, 42.5190



170.9240, -13.1510, -42.5190

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.



109.0020, -83.7120, -46.7840



144.0760, 13.1510, 42.5190



131.0290, 26.2780, -35.7220

Square

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



144.0760, 13.1510, 42.5190



137.3570, 73.7700, 6.6820



123.1340, -22.5500, -42.8860



117.6150, -112.0980, -16.9140

Rectangle

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



144.0760, 13.1510, 42.5190



138.1870, 69.6380, 37.5260



123.1340, -22.5500, -42.8860



113.4650, -94.9010, -36.7330

Sweetspot

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



144.0760, 13.1510, 42.5190



233.5360, 4.9030, 15.7750



134.2990, -33.7940, 17.7420



114.1780, 2.7950, 9.9230



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.



144.0760, 13.1510, 42.5190



167.0840, 19.8410, 64.4570



146.9070, 32.5000, 38.7720



95.5320, 1.5580, 4.8060



57.7940, 24.1940, 79.1860



13.3020, 5.6820, 18.1780

Inverse Universe

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



141.7770, 46.9450, 24.7770



163.6710, 71.1510, 37.6390



168.0930, -32.5000, -38.7720



95.2180, 5.3180, 2.7420



53.6240, 87.7010, 46.0770



12.2740, 20.0800, 10.5440

Previews

White Background



This preview shows how the YIQ color 144.0760, 13.1510, 42.5190 looks on a white background.

Color Contrast Check

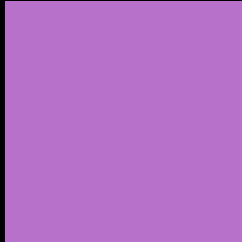
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.0760, 13.1510, 42.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

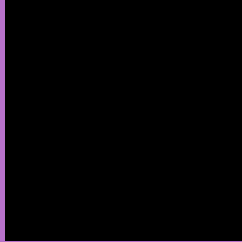
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.0760, 13.1510, 42.5190

Background



This preview shows how black text looks on a background with the YIQ color 144.0760, 13.1510, 42.5190.



This preview shows how white text looks on a background with the YIQ color 144.0760, 13.1510,

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

144.0760, 13.1510, 42.5190

Protanopia

138.1330, -44.8900, 20.5980

Deuteranopia

139.9310, -29.9420, 14.0100



Tritanopia

142.7800, 24.5270, 12.5510

Trichromacy



Original Color

144.0760, 13.1510, 42.5190

Protanomaly

140.0110, -23.7550, 28.5410

Deuteranomaly

141.7530, -14.4010, 24.2150

Tritanomaly

143.4780, 19.9860, 23.2660

Monochromacy



Original Color

144.0760, 13.1510, 42.5190

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.1230, 4.6280, 15.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.0760, 13.1510, 42.5190 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(183, 113, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 113, 202)  
}
```

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(183, 113, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 113, 202) }
```

Border

The CSS property to change the border of an element to YIQ 144.0760, 13.1510, 42.5190 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(183, 113, 202) }
```


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

```
.border{ border-color:rgb(183, 113, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 113, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 113, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 113, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 113,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 144.0760, 13.1510, 42.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 113, 202) }
```

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

```
.background{ background-color: rgb(183,  
113, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor