

Converting Colors

YIQ(138.9210, 3.5220, 46.3220)

Have a look what the booklet for
YIQ(138.9210, 3.5220, 46.3220)
contains.

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Color

**YIQ(138.9210, 3.5220,
46.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6CD6
RGB	171, 108, 214
RGB Percent	67%, 42%, 84%
CMY	0.3292, 0.5766, 0.1609
CMYK	0.20, 0.50, 0.00, 0.16
HSL	276°, 56%, 63%
HSV	276°, 50%, 84%
XYZ	34.3018, 24.2379, 66.4772
YIQ	138.9210, 3.5220, 46.3220

Conversions

Conversions Part 2

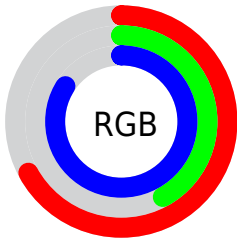
Format	Color
R _Y B	171, 108, 214
Decimal	11234518
CIE Lab	56.33, 44.24, -44.97
CIE LCh	56, 63.081, 314.529
Yxy	24.2379, 0.2744, 0.1939
Android (android.graphics.Color)	4289424598 (0xFFAB6CD6)
YUV	138.9210, 37.0139, 28.1333
Hunter-Lab	49.2320, 38.2117, -45.5960

Details

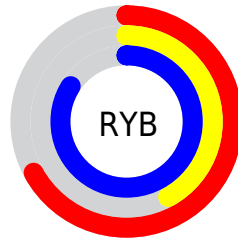
The YIQ color $138.9210, 3.5220, 46.3220$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $183.0790, -3.5220, -46.3220$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.7490, 9.7580, 43.4380$, and $86.2690, 2.4220, 44.2300$ is the 20% darker color. If you saturate the color by 10%, you get $123.9030, 3.9330, 55.3970$, and if you desaturate by 10%, it is $153.9390, 3.1110, 37.2470$.

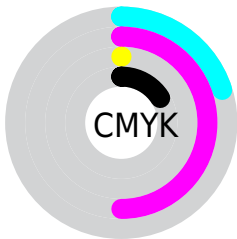
Distribution



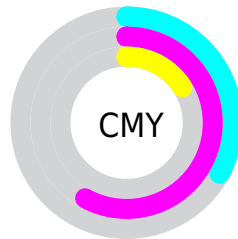
- Red (67%)
- Green (42%)
- Blue (84%)



- Red (67%)
- Yellow (42%)
- Blue (84%)



- Cyan (20%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.9210, 3.5220, 46.3220 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 138.9210, 3.5220, 46.3220 by changing the saturation by 10% instead.

138.9210, 3.5220,
46.3220

138.9210, 3.5220,
46.3220

255.0000, -0.0000,
-0.0000

112.0950, 2.9720,
45.2760

191.7490, 9.7580,
43.4380

86.2690, 2.4220,
44.2300

216.2580, 18.1500,
34.5180

60.4430, 1.8720,
43.1840

232.6940, 10.4500,
19.8740

32.6820, 2.6970,
44.7530

249.7170, 2.4750,
4.7070

20.4110, -4.2700,
33.3460

9.3030, -13.2540,
19.9460

5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 138.9210, 3.5220,
46.3220

■ 138.9210, 3.5220,
46.3220

■ 123.9030, 3.9330,
55.3970

■ 153.9390, 3.1110,
37.2470

■ 108.5970, 5.2150,
65.2070

■ 169.2450, 1.8290,
27.4370

■ 93.5790, 5.6260,
74.2820

■ 184.2630, 1.4180,
18.3620

■ 77.9740, 6.3120,
83.8800

■ 199.8680, 0.7320,
8.7640

63.2550, 7.3190,
93.1670

214.5870, -0.2750,
-0.5230

62.3690, 6.9980,
93.4780

229.6050, -0.6860,
-9.5980

243.4490, -0.5470,
-17.6270

245.8410, 4.2210,
-15.9310

248.5320, 9.5850,
-14.0230

Harmonies

Analogous

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



125.4040, -73.4540, 20.6420



138.9210, 3.5220, 46.3220



134.3000, 53.8630, 53.5990

Triad

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



138.9210, 3.5220, 46.3220



128.0690, 73.5000, -21.4760



112.8610, -95.9560, -34.1320

Complementary

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



138.9210, 3.5220, 46.3220



183.0790, -3.5220, -46.3220

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.



105.1890, -77.1090, -50.8130



138.9210, 3.5220, 46.3220



123.7300, 42.8770, -44.6990

Square

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



138.9210, 3.5220, 46.3220



129.8470, 84.3140, 13.8340



117.0390, -15.2130, -49.2050



116.8000, -111.1810, -17.0130

Rectangle

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



138.9210, 3.5220, 46.3220



129.8600, 75.4130, 48.5090



117.0390, -15.2130, -49.2050



110.1080, -89.5820, -39.5180

Sweetspot

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



138.9210, 3.5220, 46.3220



228.2090, 1.5100, 16.6940



145.9120, -46.1260, 9.9540



111.5090, 0.3650, 9.9090



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.



138.9210, 3.5220, 46.3220



148.7110, 4.8940, 65.5180



150.7520, 32.0390, 52.6390



99.3470, 0.6410, 4.9050



49.9920, 5.9010, 74.8050



12.6760, 1.6930, 18.8850

Inverse Universe

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



144.5960, 49.3730, 35.8450



156.6900, 70.1400, 50.4600



171.2480, -32.0390, -52.6390



99.8590, 4.9510, 3.8870



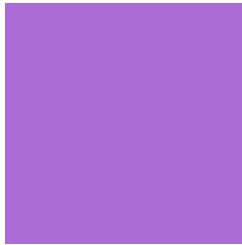
58.9950, 79.7670, 57.7110



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 138.9210, 3.5220, 46.3220 looks on a white background.

Color Contrast Check

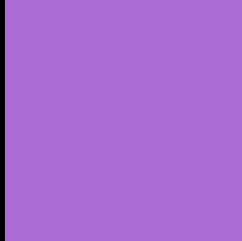
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9210, 3.5220, 46.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

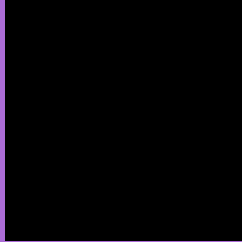
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.9210, 3.5220, 46.3220

Background



This preview shows how black text looks on a background with the YIQ color 138.9210, 3.5220, 46.3220.



This preview shows how white text looks on a background with the YIQ color 138.9210, 3.5220,

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

138.9210, 3.5220, 46.3220

Protanopia

130.7000, -59.6080, 23.0160

Deuteranopia

132.3730, -45.8060, 15.1700



Tritanopia

137.2950, 15.5870, 9.3710

Trichromacy



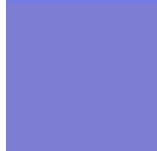
Original Color

138.9210, 3.5220, 46.3220



Protanomaly

133.4750, -36.6850, 31.5950



Deuteranomaly

134.8040, -27.6060, 26.7460



Tritanomaly

137.8730, 11.5040, 22.8000

Monochromacy



Original Color

138.9210, 3.5220, 46.3220



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

139.2090, 1.5100, 16.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9210, 3.5220, 46.3220 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(171, 108, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 108, 214)  
}
```

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(171, 108, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 108, 214) }
```

Border

The CSS property to change the border of an element to YIQ 138.9210, 3.5220, 46.3220 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(171, 108, 214) }
```


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

```
.border{ border-color:rgb(171, 108, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 108, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 108, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 108, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 108,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9210, 3.5220, 46.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 108, 214) }
```

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

```
.background{ background-color: rgb(171,  
108, 214) }
```

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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