

Converting Colors

YIQ(138.1790, -5.8320, 50.6480)

Have a look what the booklet for
YIQ(138.1790, -5.8320, 50.6480)
contains.

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Color

**YIQ(138.1790, -5.8320,
50.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	A46BE7
RGB	164, 107, 231
RGB Percent	64%, 42%, 91%
CMY	0.3566, 0.5805, 0.0942
CMYK	0.29, 0.54, 0.00, 0.09
HSL	268°, 72%, 66%
HSV	268°, 54%, 91%
XYZ	34.9958, 24.1766, 78.4009
YIQ	138.1790, -5.8320, 50.6480

Conversions

Conversions Part 2

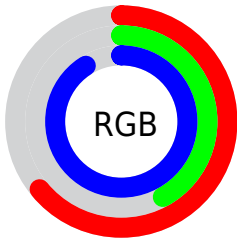
Format	Color
RYB	164, 107, 231
Decimal	10775527
CIELab	56.26, 46.88, -54.67
CIELCh	56, 72.018, 310.618
Yxy	24.1766, 0.2544, 0.1757
Android (android.graphics.Color)	4288965607 (0xFFA46BE7)
YUV	138.1790, 45.7608, 22.6450
Hunter-Lab	49.1697, 40.9979, -60.1189

Details

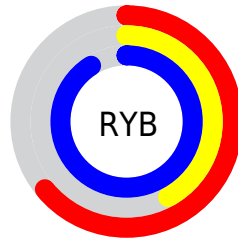
The YIQ color $138.1790, -5.8320, 50.6480$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $199.8210, 5.8320, -50.6480$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $189.3680, 6.4570, 42.6890$, and $85.1140, -7.2070, 48.0330$ is the 20% darker color. If you saturate the color by 10%, you get $121.0900, -6.6590, 60.1330$, and if you desaturate by 10%, it is $155.5670, -4.4090, 41.3750$.

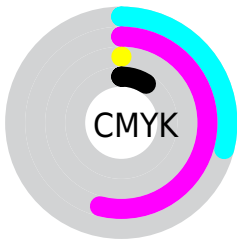
Distribution



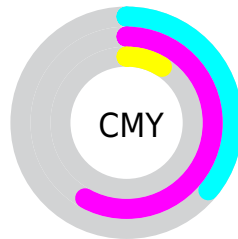
- Red (64%)
- Green (42%)
- Blue (91%)



- Red (64%)
- Yellow (42%)
- Blue (91%)



- Cyan (29%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.1790, -5.8320, 50.6480 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 138.1790, -5.8320, 50.6480 by changing the saturation by 10% instead.

■ 138.1790, -5.8320,
50.6480

■ 138.1790, -5.8320,
50.6480

■ 255.0000, -0.0000,
-0.0000

■ 111.2390, -6.0610,
49.2910

■ 189.3680, 6.4570,
42.6890

■ 85.1140, -7.2070,
48.0330

■ 214.4750, 16.0410,
34.1930

■ 58.8750, -8.0320,
46.4640

■ 232.1070, 10.7250,
20.3970

■ 30.5160, -8.3990,
47.6090

■ 249.1300, 2.7500,
5.2300

■ 16.6250, -19.4920,
33.8840

■ 8.0940, -22.7910,
22.0810

■ 7.7060, -16.1870,

12.5250

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 138.1790, -5.8320,
50.6480

■ 138.1790, -5.8320,
50.6480

■ 121.0900, -6.6590,
60.1330

■ 155.5670, -4.4090,
41.3750

■ 103.7020, -8.0820,
69.4060

■ 172.6560, -3.5820,
31.8900

■ 86.6130, -8.9090,
78.8910

■ 189.7450, -2.7550,
22.4050

■ 69.2250, -10.3320,
88.1640

■ 207.1330, -1.3320,
13.1320

■ 58.0280, -10.9750,
94.3130

■ 224.2220, -0.5050,
3.6470

■ 242.1970, 0.6430,
-6.1490

■ 251.0680, 5.3200,
-8.3120

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



108.3150, -118.9800, 8.7000



138.1790, -5.8320, 50.6480



131.5920, 56.3370, 63.8330

Triad

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



138.1790, -5.8320, 50.6480



126.9840, 84.0450, -19.8510



113.4650, -94.9010, -36.7330

Complementary

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



138.1790, -5.8320, 50.6480



199.8210, 5.8320, -50.6480

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.



104.2940, -73.2110, -55.3790



138.1790, -5.8320, 50.6480



124.0510, 46.4070, -42.5930

Square

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



138.1790, -5.8320, 50.6480



126.8210, 96.3710, 21.0990



113.1350, -7.0960, -58.6480



119.1310, -113.6110, -17.0270

Rectangle

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



138.1790, -5.8320, 50.6480



124.2560, 83.5260, 61.1740



113.1350, -7.0960, -58.6480



110.3700, -87.5640, -43.0520

Sweetspot

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



138.1790, -5.8320, 50.6480



224.3550, -1.8370, 16.7790



161.0520, -58.5040, 3.0000



109.1390, -1.4690, 10.1070



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.



138.1790, -5.8320, 50.6480



133.0070, -7.6230, 66.5930



156.4180, 30.5240, 63.5800



106.1620, -0.2760, 5.0040



44.9240, -8.5870, 73.0530



12.6910, -2.6630, 20.7370

Inverse Universe

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



151.7140, 52.3970, 47.1250



150.7690, 68.9000, 61.9240



181.5820, -30.5240, -63.5800



107.2720, 5.2260, 4.4100



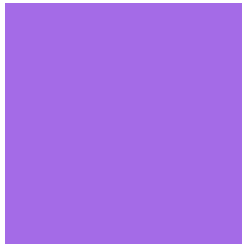
64.4650, 75.8680, 67.8040



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 138.1790, -5.8320, 50.6480 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 138.1790, -5.8320, 50.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

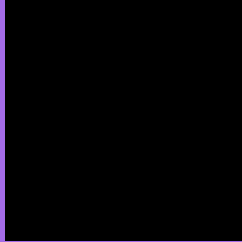
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.1790, -5.8320, 50.6480

Background



This preview shows how black text looks on a background with the YIQ color 138.1790, -5.8320, 50.6480.



This preview shows how white text looks on a background with the YIQ color 138.1790, -5.8320,

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

138.1790, -5.8320, 50.6480

Protanopia

126.2990, -77.3520, 25.2080

Deuteranopia

127.9070, -64.9250, 14.7470



Tritanopia

136.2230, 6.9220, 6.7140

Trichromacy



Original Color

138.1790, -5.8320, 50.6480

Protanomaly

130.4550, -51.1280, 34.5360

Deuteranomaly

131.2460, -43.4700, 27.9060

Tritanomaly

137.0830, 2.1050, 22.4330

Monochromacy



Original Color

138.1790, -5.8320, 50.6480

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1100, -2.5250, 18.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.1790, -5.8320, 50.6480 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(164, 107, 231)` looks like.

```
.text, #text, p{  
    color:rgb(164, 107, 231)  
}
```

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(164, 107, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 107, 231) }
```

Border

The CSS property to change the border of an element to YIQ 138.1790, -5.8320, 50.6480 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(164, 107, 231) }
```


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

```
.border{ border-color:rgb(164, 107, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 107, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 107, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 107, 231);  
box-shadow:4px 4px 4px 4px rgb(164, 107,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 138.1790, -5.8320, 50.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 107, 231) }
```

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

```
.background{ background-color: rgb(164,  
107, 231) }
```

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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