

Converting Colors

YIQ(138.1360, -5.4140, 21.0340)

Have a look what the booklet for
YIQ(138.1360, -5.4140, 21.0340)
contains.

YIQ(138.1360, -5.4140, 21.0340)	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(138.1360, -5.4140,
21.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	927EB4
RGB	146, 126, 180
RGB Percent	57%, 49%, 71%
CMY	0.4274, 0.5059, 0.2942
CMYK	0.19, 0.30, 0.00, 0.29
HSL	262°, 26%, 60%
HSV	262°, 30%, 71%
XYZ	27.5541, 24.3271, 46.4147
YIQ	138.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

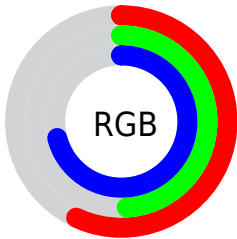
Format	Color
R_{YB}	146, 126, 180
Decimal	9600692
CIE _{Lab}	56.41, 18.79, -25.67
CIE _{LCh}	56, 31.810, 306.203
Yxy	24.3271, 0.2803, 0.2475
Android (android.graphics.Color)	4287790772 (0xFF927EB4)
YUV	138.1360, 20.6390, 6.8967
Hunter-Lab	49.3225, 13.4049, -21.2688

Details

The YIQ color $138.1360, -5.4140, 21.0340$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $167.8640, 5.4140, -21.0340$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.0760, -5.1850, 22.3910$, and $88.0820, -5.3220, 19.3660$ is the 20% darker color. If you saturate the color by 10%, you get $124.2810, -7.0200, 28.1160$, and if you desaturate by 10%, it is $151.9910, -3.8080, 13.9520$.

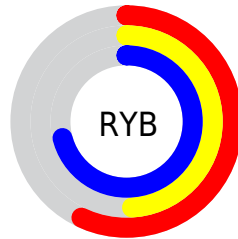
Distribution



Red (57%)

Green (49%)

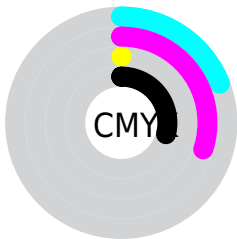
Blue (71%)



Red (57%)

Yellow (49%)

Blue (71%)

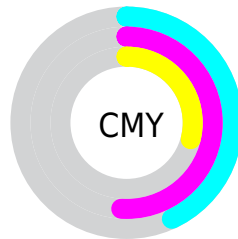


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.1360, -5.4140, 21.0340 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 138.1360, -5.4140, 21.0340 by changing the saturation by 10% instead.

■ 138.1360, -5.4140,
21.0340

■ 138.1360, -5.4140,
21.0340

■ 255.0000, -0.0000,
-0.0000

■ 112.6090, -5.3680,
20.2000

■ 192.0760, -5.1850,
22.3910

■ 88.0820, -5.3220,
19.3660

■ 218.4630, -2.0210,
20.1150

■ 64.2560, -5.8720,
18.3200

■ 243.2600, 5.5000,
10.4600

■ 41.4300, -6.4220,
17.2740

■ 19.7890, -6.0550,
16.1290

■ 3.7620, -10.5930,
10.2630

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 138.1360, -5.4140,
21.0340

■ 138.1360, -5.4140,
21.0340

■ 124.2810, -7.0200,
28.1160

■ 151.9910, -3.8080,
13.9520

■ 110.1270, -9.2220,
34.9860

■ 166.1450, -1.6060,
7.0820

■ 96.2720, -10.8280,
42.0680

■ 180.0000, -0.0000,
-0.0000

■ 82.4170, -12.4340,
49.1500

■ 193.8550, 1.6060,
-7.0820

■ 68.2630, -14.6360,
56.0200

■ 208.0090, 3.8080,
-13.9520

■ 54.4080, -16.2420,
63.1020

■ 221.8640, 5.4140,
-21.0340

■ 40.5530, -17.8480,
70.1840

■ 235.7190, 7.0200,
-28.1160

■ 241.0680, 13.3470,
-27.1410

■ 244.3570, 19.9030,
-24.8090

Harmonies

Analogous

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



132.8870, -35.8100, 10.2220



138.1360, -5.4140, 21.0340



139.0160, 21.4070, 25.0470

Triad

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



138.1360, -5.4140, 21.0340



135.0800, 40.5770, -2.9990



117.4650, -59.3700, -25.3700

Complementary

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



138.1360, -5.4140, 21.0340



167.8640, 5.4140, -21.0340

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.



124.7600, -26.5880, -24.7640



138.1360, -5.4140, 21.0340



132.6170, 25.4030, -14.3490

Square

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



138.1360, -5.4140, 21.0340



136.4480, 45.8930, 10.7970



129.4830, 2.1130, -21.7830



110.3880, -86.8340, -23.2340

Rectangle

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



138.1360, -5.4140, 21.0340



138.4920, 34.5660, 23.3500



129.4830, 2.1130, -21.7830



120.6250, -48.1370, -25.2010

Sweetspot

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



138.1360, -5.4140, 21.0340



217.9000, -2.2940, 8.5380



152.1140, -26.6840, -0.9880



106.9770, -1.1930, 5.1030



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



138.1360, -5.4140, 21.0340



168.9590, -8.8090, 33.0070



146.2090, 10.6780, 26.7580



82.2220, -0.5050, 3.6470



34.4850, -15.1410, 59.6670



5.6550, -2.9820, 9.9940

Inverse Universe

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



146.0220, 21.2700, 22.0220



181.4570, 33.6470, 34.5030



159.7910, -10.6780, -26.7580



83.3750, 3.4380, 3.7740



56.6910, 60.3720, 62.2920



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 138.1360, -5.4140, 21.0340 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 138.1360, -5.4140, 21.0340 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 138.1360, -5.4140, 21.0340

Background



This preview shows how black text looks on a background with the YIQ color 138.1360, -5.4140, 21.0340.



This preview shows how white text looks on a background with the YIQ color 138.1360, -5.4140,

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

138.1360, -5.4140, 21.0340

Protanopia

135.7420, -25.0360, 13.2040

Deuteranopia

135.8520, -19.5340, 12.6100



Tritanopia

136.3470, 0.6410, 4.9050

Trichromacy



Original Color

138.1360, -5.4140, 21.0340

Protanomaly

136.4440, -18.2050, 16.0590

Deuteranomaly

136.4830, -13.9410, 15.8750

Tritanomaly

136.6660, -1.5150, 10.9410

Monochromacy



Original Color

138.1360, -5.4140, 21.0340

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.2590, -1.9270, 7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.1360, -5.4140, 21.0340 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(146, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(146, 126, 180)  
}
```

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(146, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 126, 180) }
```

Border

The CSS property to change the border of an element to YIQ 138.1360, -5.4140, 21.0340 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(146, 126, 180) }
```


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

```
.border{ border-color:rgb(146, 126, 180) }
```

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

Here you see how a box with a 4 pixel rgb(146, 126, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(146, 126,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 138.1360, -5.4140, 21.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 126, 180) }
```

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

```
.background{ background-color: rgb(146,  
126, 180) }
```

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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