

Converting Colors

YIQ(140.3310, -4.7120,
-57.8000)

Have a look what the booklet for
YIQ(140.3310, -4.7120, -57.8000)
contains.

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Color

**YIQ(140.3310, -4.7120,
-57.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	64B32F
RGB	100, 179, 47
RGB Percent	39%, 70%, 18%
CMY	0.6081, 0.2979, 0.8156
CMYK	0.44, 0.00, 0.74, 0.30
HSL	96°, 58%, 44%
HSV	96°, 74%, 70%
XYZ	21.8881, 35.1642, 8.3253
YIQ	140.3310, -4.7120, -57.8000

Conversions

Conversions Part 2

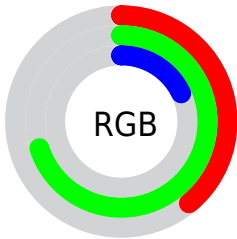
Format	Color
RYB	47, 179, 126
Decimal	6599471
CIELab	65.88, -46.44, 56.28
CIELCh	66, 72.966, 129.530
Yxy	35.1642, 0.3348, 0.5379
Android (android.graphics.Color)	4284789551 (0xFF64B32F)
YUV	140.3310, -46.0122, -35.3703
Hunter-Lab	59.2994, -37.8874, 33.1856

Details

The YIQ color **140.3310, -4.7120, -57.8000** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **85.6690, 4.7120, 57.8000**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.5160, -3.7950, -57.8990**, and **85.3350, -10.5350, -56.8950** is the 20% darker color. If you saturate the color by 10%, you get **134.9900, -5.4900, -65.7300**, and if you desaturate by 10%, it is **145.6720, -3.9340, -49.8700**.

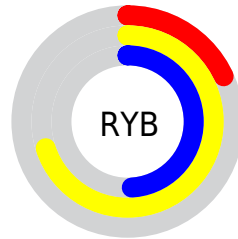
Distribution



Red (39%)

Green (70%)

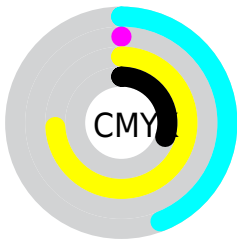
Blue (18%)



Red (18%)

Yellow (70%)

Blue (49%)

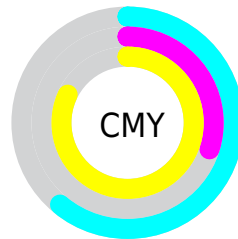


Cyan (44%)

Magenta (0%)

Yellow (74%)

Black (30%)



Cyan (61%)


Magenta (30%)


Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.3310, -4.7120, -57.8000 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 140.3310, -4.7120, -57.8000 by changing the saturation by 10% instead.


 140.3310, -4.7120,
-57.8000


 140.3310, -4.7120,
-57.8000


255.0000, -0.0000,
-0.0000

 111.8210, -3.3360,
-60.7120


 196.5160, -3.7950,
-57.8990


 85.3350, -10.5350,
-56.8950


 219.7060, -1.2740,
-54.0260


 58.7000, -27.5000,
-52.3000


 231.7540, 7.9390,
-39.2690


 44.0250, -20.6250,
-39.2250

 243.6170, 16.2350,
-24.4130

 30.5240, -14.3000,
-27.1960

 250.2120, 13.4820,
-13.0620

 17.0230, -7.9750,
-15.1670

 253.5180, 4.1730,

 0.0000, 0.0000,

-4.0430

0.0000

■ 140.3310, -4.7120,
-57.8000

■ 140.3310, -4.7120,
-57.8000

■ 134.9900, -5.4900,
-65.7300

■ 145.6720, -3.9340,
-49.8700

■ 129.6490, -6.2680,
-73.6600

■ 150.7140, -3.7520,
-42.1520

■ 126.6010, -6.3130,
-78.3530

■ 156.0550, -2.9740,
-34.2220

■ 161.3960, -2.1960,
-26.2920

■ 166.7370, -1.4180,
-18.3620

■ 171.6650, -0.9150,
-10.9550

■ 177.0060, -0.1370,
-3.0250

■ 182.3470, 0.6410,
4.9050

■ 187.3890, 0.8230,
12.6230

Harmonies

Analogous

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



147.6960, 57.4120, -49.3080



140.3310, -4.7120, -57.8000



122.5370, -87.3770, -62.9690

Triad

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



140.3310, -4.7120, -57.8000



134.1430, -131.0800, -14.3120



146.4370, 81.0980, 50.1060

Complementary

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



140.3310, -4.7120, -57.8000



85.6690, 4.7120, 57.8000

Split Complementary

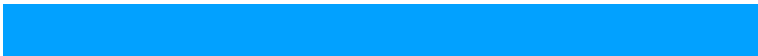
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



160.0050, 56.6120, 64.3560



140.3310, -4.7120, -57.8000



124.1750, -124.9380, -4.4740

Square

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



140.3310, -4.7120, -57.8000



137.9440, -129.3820, -23.0620



163.6520, -5.7860, 49.8140



150.5220, 95.7750, 20.8870

Rectangle

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



140.3310, -4.7120, -57.8000



129.4280, -102.6470, -50.5430



163.6520, -5.7860, 49.8140



148.9450, 74.0360, 56.9480

Sweetspot

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



140.3310, -4.7120, -57.8000



216.9170, -2.1050, -22.4330



131.6670, 57.4970, -12.2870



108.1980, -1.0980, -13.1460



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.



140.3310, -4.7120, -57.8000



172.2660, -7.2280, -89.3080



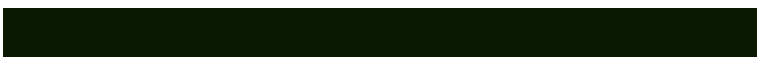
125.7380, -39.8310, -65.6150



86.4790, -0.0910, -3.8590



108.0500, -5.7190, -67.0870



18.2520, -1.1900, -11.4780

Inverse Universe

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



85.6690, 4.7120, 57.8000



87.7340, 7.2280, 89.3080



100.2620, 39.8310, 65.6150



82.8200, 0.6870, 4.0710



44.9500, 5.7190, 67.0870



7.4490, 0.5940, 11.2660

Previews

White Background



This preview shows how the YIQ color 140.3310, -4.7120, -57.8000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 140.3310, -4.7120, -57.8000 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 ✓ Pass

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

YIQ 140.3310, -4.7120, -57.8000

Background



This preview shows how black text looks on a background with the YIQ color 140.3310, -4.7120, -57.8000.



This preview shows how white text looks on a background with the YIQ color 140.3310, -4.7120,

-57.8000.

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

140.3310, -4.7120, -57.8000

Protanopia

151.6420, 49.4770, -32.1470

Deuteranopia

154.7500, 58.4610, -18.7470



Tritanopia

154.7280, -31.5890, -5.7090

Trichromacy



Original Color

140.3310, -4.7120, -57.8000

Protanomaly

147.3080, 29.6260, -41.3340

Deuteranomaly

149.4000, 35.5390, -32.8530

Tritanomaly

149.2120, -22.0490, -24.4250

Monochromacy



Original Color

140.3310, -4.7120, -57.8000

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8570, -1.8760, -21.0760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.3310, -4.7120, -57.8000 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(100, 179, 47)` looks like.

```
.text, #text, p{  
    color:rgb(100, 179, 47)  
}
```

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(100, 179, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 179, 47) }
```

Border

The CSS property to change the border of an element to YIQ 140.3310, -4.7120, -57.8000 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(100, 179, 47) }
```


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

```
.border{ border-color:rgb(100, 179, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 179, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 179, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 179, 47);  
box-shadow:4px 4px 4px 4px rgb(100, 179,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 140.3310, -4.7120, -57.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 179, 47) }
```

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

```
.background{ background-color: rgb(100,  
179, 47) }
```

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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