

Converting Colors

YIQ(114.2980, -59.5570,
-5.4530)

Have a look what the booklet for
YIQ(114.2980, -59.5570, -5.4530)
contains.

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Color

**YIQ(114.2980, -59.5570,
-5.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	3686AB
RGB	54, 134, 171
RGB Percent	21%, 53%, 67%
CMY	0.7884, 0.4744, 0.3297
CMYK	0.68, 0.22, 0.00, 0.33
HSL	199°, 52%, 44%
HSV	199°, 68%, 67%
XYZ	17.3930, 20.7803, 41.5886
YIQ	114.2980, -59.5570, -5.4530

Conversions

Conversions Part 2

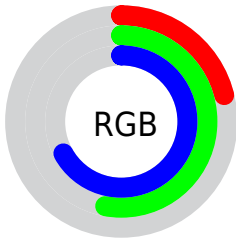
Format	Color
RYB	54, 102, 171
Decimal	3573419
CIELab	52.71, -12.29, -26.65
CIELCh	53, 29.346, 245.244
Yxy	20.7803, 0.2181, 0.2605
Android (android.graphics.Color)	4281763499 (0xFF3686AB)
YUV	114.2980, 27.9541, -52.8813
Hunter-Lab	45.5854, -11.6681, -22.1818




Details

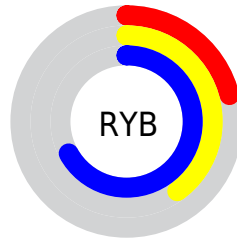
The YIQ color **114.2980, -59.5570, -5.4530** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **110.7020, 59.5570, 5.4530**, and the grayscale version is **114.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **169.6190, -56.0270, -3.3470**, and **62.8740, -61.2990, -6.9230** is the 20% darker color. If you saturate the color by 10%, you get **106.2800, -68.3140, -6.4420**, and if you desaturate by 10%, it is **122.3160, -50.8000, -4.4640**.

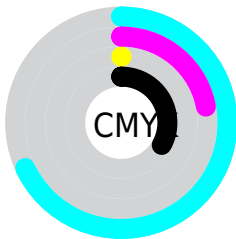
Distribution







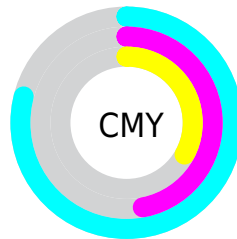
-  Red (21%)
-  Green (53%)
-  Blue (67%)






-  Red (21%)
-  Yellow (40%)
-  Blue (67%)



-  Cyan (68%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (79%)
-  Magenta (47%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.2980, -59.5570, -5.4530 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 114.2980, -59.5570, -5.4530 by changing the saturation by 10% instead.

■ 114.2980,
-59.5570, -5.4530

■ 114.2980,
-59.5570, -5.4530

■ 255.0000, -0.0000,
-0.0000

■ 83.0900, -70.8350,
-10.3150

■ 169.6190,
-56.0270, -3.3470

■ 62.8740, -61.2990,
-6.9230

■ 198.0320,
-55.7520, -2.8240

■ 46.5230, -46.9490,
-2.6690

■ 222.8400,
-46.7640, -11.5320

■ 30.8730, -33.1950,
1.3730

■ 238.8540,
-32.1840, -11.4480

■ 17.0980, -20.5870,
4.1570

■ 247.5250,
-14.9000, -5.3000

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,

0.0000

■ 114.2980,
-59.5570, -5.4530

■ 114.2980,
-59.5570, -5.4530

■ 106.2800,
-68.3140, -6.4420

■ 122.3160,
-50.8000, -4.4640

■ 97.6750, -76.7960,
-6.9080

■ 130.9210,
-42.3180, -3.9980

■ 89.6570, -85.5530,
-7.8970

■ 138.9390,
-33.5610, -3.0090

■ 88.1730, -87.0660,
-8.0100

■ 147.5440,
-25.0790, -2.5430

■ 155.5620,
-16.3220, -1.5540

■ 163.8790, -6.9690,
-0.3530

■ 172.4840, 1.5130,
0.1130

■ 180.5020, 10.2700,
1.1020

■ 189.1070, 18.7520,
1.5680

Harmonies

Analogous

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



105.7380, -73.0800, -19.1920



114.2980, -59.5570, -5.4530



123.6160, -33.6090, 8.8790

Triad

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



114.2980, -59.5570, -5.4530



128.1560, 35.3920, 19.3920



120.8360, 2.6170, -19.9030

Complementary

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



114.2980, -59.5570, -5.4530



110.7020, 59.5570, 5.4530

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.



123.7740, 23.5230, -13.3170



114.2980, -59.5570, -5.4530



126.8820, 41.6750, 10.1470

Square

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



114.2980, -59.5570, -5.4530



129.4670, 18.5190, 22.3190



125.7530, 37.1840, -2.0800



117.0810, -23.0580, -22.6580

Rectangle

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



114.2980, -59.5570, -5.4530



127.2980, -14.8580, 15.9740



125.7530, 37.1840, -2.0800



122.0820, 10.7320, -18.2920

Sweetspot

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



114.2980, -59.5570, -5.4530



199.1420, -23.8870, -2.1190



126.6690, -43.4100, -50.3060



98.3450, -14.2130, -1.2290



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



114.2980, -59.5570, -5.4530



133.5360, -92.5220, -8.2500



80.8390, -43.8820, 24.3580



82.5480, -4.5390, -0.3390



77.5610, -76.4750, -7.2190



12.0140, -11.7830, -1.2150

Inverse Universe

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



98.1030, 44.0520, 49.6840



108.5540, 68.6680, 77.1480



144.1610, 43.8820, -24.3580



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 114.2980, -59.5570, -5.4530 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 114.2980, -59.5570, -5.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

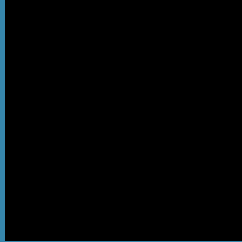
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.2980, -59.5570, -5.4530

Background



This preview shows how black text looks on a background with the YIQ color 114.2980, -59.5570, -5.4530.



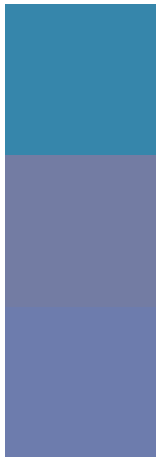
This preview shows how white text looks on a background with the YIQ color 114.2980, -59.5570, -5.4530.

-5.4530.

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

114.2980, -59.5570, -5.4530

Protanopia

125.7550, -17.8830, 10.2210

Deuteranopia

125.1010, -24.6690, 12.0590



Tritanopia

109.9520, -61.9390, -17.3550

Trichromacy



Original Color

114.2980, -59.5570, -5.4530

Protanomaly

121.8670, -33.0580, 4.3980

Deuteranomaly

121.3550, -37.3680, 5.4160

Tritanomaly

111.7720, -61.2520, -13.2840

Monochromacy



Original Color

114.2980, -59.5570, -5.4530

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9250, -21.7780, -1.7940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.2980, -59.5570, -5.4530 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(54, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(54, 134, 171)  
}
```

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(54, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 134, 171) }
```

Border

The CSS property to change the border of an element to YIQ 114.2980, -59.5570, -5.4530 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(54, 134, 171) }
```


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

```
.border{ border-color:rgb(54, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(54, 134,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 114.2980, -59.5570, -5.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 134, 171) }
```

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

```
.background{ background-color: rgb(54, 134,  
171) }
```

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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