

Converting Colors

YIQ(140.4960, -59.5140,
10.2940)

Have a look what the booklet for
YIQ(140.4960, -59.5140, 10.2940)
contains.

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Color

**YIQ(140.4960, -59.5140,
10.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	5A96E0
RGB	90, 150, 224
RGB Percent	35%, 59%, 88%
CMY	0.6471, 0.4117, 0.1219
CMYK	0.60, 0.33, 0.00, 0.12
HSL	213°, 68%, 62%
HSV	213°, 60%, 88%
XYZ	28.5688, 29.3710, 74.6312
YIQ	140.4960, -59.5140, 10.2940

Conversions

Conversions Part 2

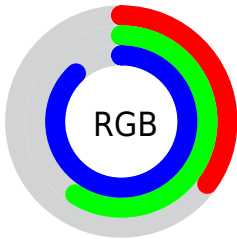
Format	Color
R _Y B	90, 131, 224
Decimal	5936864
CIE Lab	61.11, 2.57, -43.40
CIE LCh	61, 43.472, 273.389
Yxy	29.3710, 0.2155, 0.2215
Android (android.graphics.Color)	4284126944 (0xFF5A96E0)
YUV	140.4960, 41.1675, -44.2850
Hunter-Lab	54.1950, -0.7452, -43.7110

Details

The YIQ color **140.4960, -59.5140, 10.2940** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **173.5040, 59.5140, -10.2940**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6680, -48.5550, 4.4130**, and **79.9450, -77.2560, 1.4320** is the 20% darker color. If you saturate the color by 10%, you get **126.8740, -69.3260, 11.9060**, and if you desaturate by 10%, it is **154.1180, -49.7020, 8.6820**.

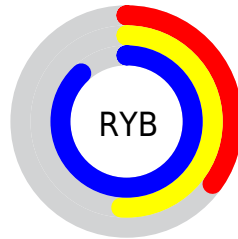
Distribution



Red (35%)

Green (59%)

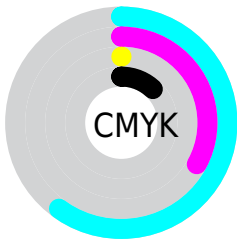
Blue (88%)



Red (35%)

Yellow (51%)

Blue (88%)

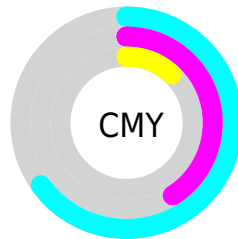


Cyan (60%)

Magenta (33%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (41%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4960, -59.5140, 10.2940 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 140.4960, -59.5140, 10.2940 by changing the saturation by 10% instead.

■ 140.4960,
-59.5140, 10.2940

■ 140.4960,
-59.5140, 10.2940

■ 255.0000, -0.0000,
-0.0000

■ 112.1750,
-63.0440, 8.1880

■ 193.6680,
-48.5550, 4.4130

■ 79.9450, -77.2560,
1.4320

■ 218.7750,
-38.9710, -4.0830

■ 60.6860, -66.1610,
4.1030

■ 241.2460,
-27.4160, -9.7520

■ 44.9220, -52.0860,
7.8340

■ 250.2160, -9.5360,
-3.3920

■ 29.7450, -38.2860,
11.0420

■ 12.9210, -23.9820,
16.1300

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 140.4960,
-59.5140, 10.2940

■ 140.4960,
-59.5140, 10.2940

■ 126.8740,
-69.3260, 11.9060

■ 154.1180,
-49.7020, 8.6820

■ 112.3660,
-79.4590, 13.8290

■ 168.6260,
-39.5690, 6.7590

■ 98.7440, -89.2710,
15.4410

■ 182.2480,
-29.7570, 5.1470

■ 84.8230, -99.6790,
16.8410

■ 196.1690,
-19.3490, 3.7470

■ 84.2360, -99.4040,
17.3640

■ 210.3780, -9.8120,
1.6120

■ 224.0000, -0.0000,
0.0000

■ 238.5080, 10.1330,
-1.9230

■ 247.9440, 11.6010,
-6.5030

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



118.4300, -113.0150, -16.8150



140.4960, -59.5140, 10.2940



150.6440, -12.4760, 27.8760

Triad

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



140.4960, -59.5140, 10.2940



147.5210, 61.9850, 16.5210



131.7600, -35.7560, -34.8280

Complementary

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



140.4960, -59.5140, 10.2940



173.5040, 59.5140, -10.2940

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.



139.6540, 5.6450, -30.7310



140.4960, -59.5140, 10.2940



146.2790, 56.0740, -3.0140

Square

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



140.4960, -59.5140, 10.2940



149.5160, 52.3540, 31.3780



143.6750, 36.6830, -20.5410



115.2430, -94.3960, -40.3800

Rectangle

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



140.4960, -59.5140, 10.2940



151.9910, 14.5280, 34.0800



143.6750, 36.6830, -20.5410



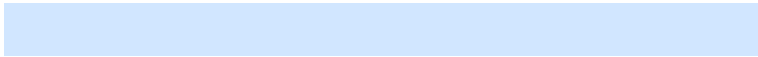
135.4860, -20.3050, -34.0090

Sweetspot

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



140.4960, -59.5140, 10.2940



226.5710, -20.5410, 3.3230



177.0940, -60.6040, -47.0680



109.9370, -12.8840, 2.2200



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.



140.4960, -59.5140, 10.2940



140.6970, -81.8890, 13.8150



107.3690, -38.8420, 43.1580



105.1890, -4.9060, 0.8060



66.4370, -78.2210, 13.4190



18.3860, -21.4580, 3.4220

Inverse Universe

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



136.9060, 60.6040, 47.0680



135.4780, 83.0210, 64.8210



206.6310, 38.8420, -43.1580



104.8590, 4.9510, 3.8870



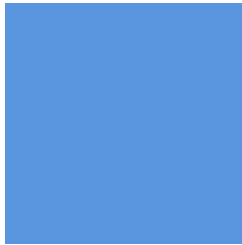
61.6300, 79.5370, 61.8810



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 140.4960, -59.5140, 10.2940 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 140.4960, -59.5140, 10.2940 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

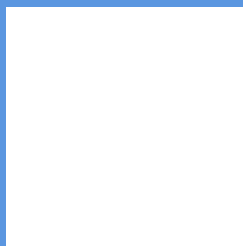
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 140.4960, -59.5140, 10.2940

Background



This preview shows how black text looks on a background with the YIQ color 140.4960, -59.5140, 10.2940.

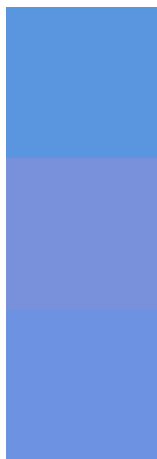


This preview shows how white text looks on a background with the YIQ color 140.4960, -59.5140,

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

140.4960, -59.5140, 10.2940

Protanopia

145.6730, -37.7830, 18.4490

Deuteranopia

143.6440, -48.0070, 16.5130



Tritanopia

133.6750, -59.6010, -15.6730

Trichromacy



Original Color

140.4960, -59.5140, 10.2940

Protanomaly

143.7860, -45.5310, 15.6930

Deuteranomaly

142.1380, -52.4540, 14.5060

Tritanomaly

135.8850, -59.8320, -5.9760

Monochromacy



Original Color

140.4960, -59.5140, 10.2940

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.5000, -21.7790, 3.7330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4960, -59.5140, 10.2940 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(90, 150, 224)` looks like.

```
.text, #text, p{  
    color:rgb(90, 150, 224)  
}
```

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(90, 150, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 150, 224) }
```

Border

The CSS property to change the border of an element to YIQ 140.4960, -59.5140, 10.2940 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(90, 150, 224) }
```


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

```
.border{ border-color:rgb(90, 150, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 150, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 150, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 150, 224);  
box-shadow:4px 4px 4px 4px rgb(90, 150,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4960, -59.5140, 10.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 150, 224) }
```

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

```
.background{ background-color: rgb(90, 150,  
224) }
```

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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