

Converting Colors

YIQ(140.2920, -50.2520, 7.6360)

Have a look what the booklet for
YIQ(140.2920, -50.2520, 7.6360)
contains.

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Color

**YIQ(140.2920, -50.2520,
7.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	6195D1
RGB	97, 149, 209
RGB Percent	38%, 58%, 82%
CMY	0.6197, 0.4156, 0.1806
CMYK	0.54, 0.29, 0.00, 0.18
HSL	212°, 55%, 60%
HSV	212°, 54%, 82%
XYZ	27.1792, 28.6424, 64.3769
YIQ	140.2920, -50.2520, 7.6360

Conversions

Conversions Part 2

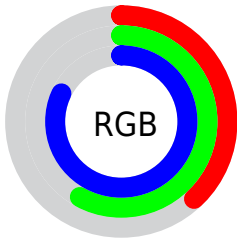
Format	Color
R _Y B	97, 133, 209
Decimal	6395345
CIE Lab	60.46, -0.18, -36.03
CIE LCh	60, 36.027, 269.714
Yxy	28.6424, 0.2261, 0.2383
Android (android.graphics.Color)	4284585425 (0xFF6195D1)
YUV	140.2920, 33.8730, -37.9671
Hunter-Lab	53.5186, -3.0070, -33.8563

Details

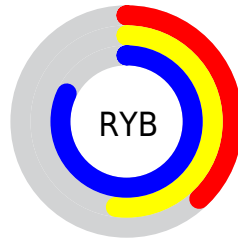
The YIQ color **140.2920, -50.2520, 7.6360** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **165.7080, 50.2520, -7.6360**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2770, -45.8960, 5.7840**, and **85.8350, -56.3950, 3.3250** is the 20% darker color. If you saturate the color by 10%, you get **127.5560, -59.7430, 8.9370**, and if you desaturate by 10%, it is **153.0280, -40.7610, 6.3350**.

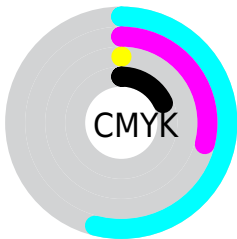
Distribution



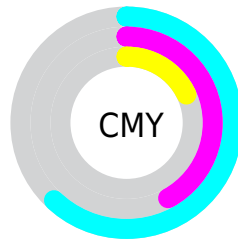
- Red (38%)
- Green (58%)
- Blue (82%)



- Red (38%)
- Yellow (52%)
- Blue (82%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.2920, -50.2520, 7.6360 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 140.2920, -50.2520, 7.6360 by changing the saturation by 10% instead.

■ 140.2920,
-50.2520, 7.6360

■ 140.2920,
-50.2520, 7.6360

■ 255.0000, -0.0000,
-0.0000

■ 113.1670,
-51.3980, 6.3780

■ 194.2770,
-45.8960, 5.7840

■ 85.8350, -56.3950,
3.3250

■ 219.3840,
-36.3120, -2.7120

■ 58.6170, -61.7130,
0.5830

■ 242.1430,
-25.6280, -9.1160

■ 42.8530, -47.6380,
4.3140

■ 250.8140, -8.3440,
-2.9680

■ 27.6760, -33.8380,
7.5220

■ 10.3790, -19.5800,
13.4440

■ 4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 140.2920,
-50.2520, 7.6360

■ 140.2920,
-50.2520, 7.6360

■ 127.5560,
-59.7430, 8.9370

■ 153.0280,
-40.7610, 6.3350

■ 114.8200,
-69.2340, 10.2380

■ 165.7640,
-31.2700, 5.0340

■ 101.4970,
-78.4500, 12.0620

■ 179.0870,
-22.0540, 3.2100

■ 88.7610, -87.9410,
13.3630

■ 191.8230,
-12.5630, 1.9090

■ 80.7650, -93.7640,
14.2680

■ 204.2600, -3.6680,
0.3960

■ 216.9960, 5.8230,
-0.9050

■ 229.7320, 15.3140,
-2.2060

■ 239.7770, 19.4410,
-5.4150

■ 246.8210, 16.1410,
-11.6910

Harmonies

Analogous

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



122.7330, -91.8790, -14.3990



140.2920, -50.2520, 7.6360



148.4710, -13.6670, 21.9250

Triad

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



140.2920, -50.2520, 7.6360



147.0190, 51.7150, 15.4190



135.2070, -23.6530, -28.3970

Complementary

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



140.2920, -50.2520, 7.6360



165.7080, 50.2520, -7.6360

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.



140.0230, 9.2200, -23.9320



140.2920, -50.2520, 7.6360



145.9670, 48.3250, -0.2430

Square

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



140.2920, -50.2520, 7.6360



149.0800, 41.7180, 25.8940



143.3960, 33.3350, -14.9290



126.1500, -63.0370, -30.5010

Rectangle

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



140.2920, -50.2520, 7.6360



149.9530, 8.5230, 27.2670



143.3960, 33.3350, -14.9290



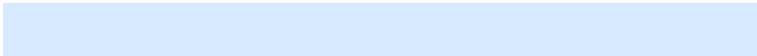
137.1930, -11.8700, -27.1820

Sweetspot

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



140.2920, -50.2520, 7.6360



229.8270, -18.3860, 2.8140



169.5840, -50.0600, -39.9160



112.8940, -11.3250, 1.4990



0.0000, 0.0000, 0.0000



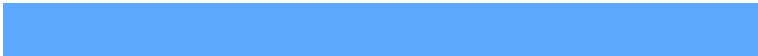
128.0000, -0.0000, -0.0000

Same Dimension

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



140.2920, -50.2520, 7.6360



155.1940, -73.2230, 10.9450



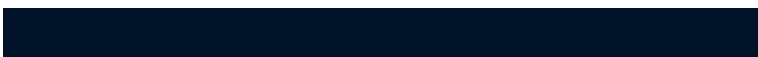
110.9640, -33.5680, 35.6800



98.1890, -4.9060, 0.8060



64.9380, -75.3780, 11.4540



15.8270, -18.3860, 2.8140

Inverse Universe

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



136.4160, 50.0600, 39.9160



149.4010, 72.7520, 58.1920



195.0360, 33.5680, -35.6800



97.8590, 4.9510, 3.8870



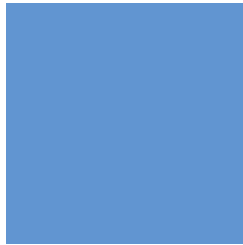
59.1240, 75.0900, 59.8740



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 140.2920, -50.2520, 7.6360 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 140.2920, -50.2520, 7.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

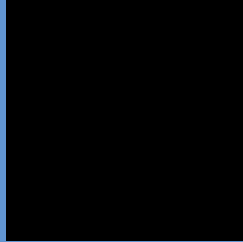
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.2920, -50.2520, 7.6360

Background



This preview shows how black text looks on a background with the YIQ color 140.2920, -50.2520, 7.6360.

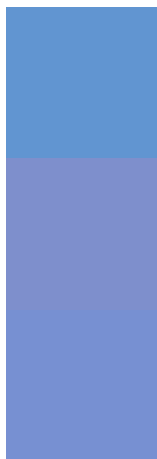


This preview shows how white text looks on a background with the YIQ color 140.2920, -50.2520,

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

140.2920, -50.2520, 7.6360

Protanopia

144.8710, -29.7130, 15.3670

Deuteranopia

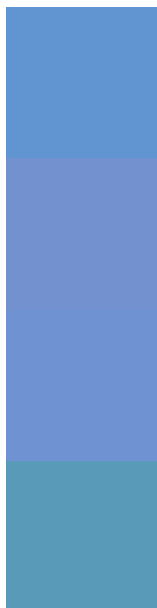
144.0490, -36.0860, 15.2260



Tritanopia

136.2420, -47.9560, -11.9560

Trichromacy



Original Color

140.2920, -50.2520, 7.6360

Protanomaly

142.9840, -37.4610, 12.6110

Deuteranomaly

142.8310, -41.4040, 12.4840

Tritanomaly

137.6860, -48.9660, -4.6620

Monochromacy



Original Color

140.2920, -50.2520, 7.6360

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8270, -18.3860, 2.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.2920, -50.2520, 7.6360 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(97, 149, 209)` looks like.

```
.text, #text, p{  
    color:rgb(97, 149, 209)  
}
```

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(97, 149, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 149, 209) }
```

Border

The CSS property to change the border of an element to YIQ 140.2920, -50.2520, 7.6360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

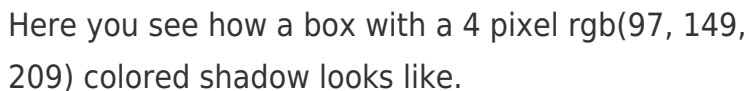
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 149, 209) }
```


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

```
.border{ border-color:rgb(97, 149, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 149, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 149, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 149, 209); box-shadow:4px 4px 4px 4px rgb(97, 149, 209) }
```

Background

The CSS property to change the background color of an element to YIQ 140.2920, -50.2520, 7.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 149, 209) }
```

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

```
.background{ background-color: rgb(97, 149,  
209) }
```

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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