

Converting Colors

YIQ(147.1380, -61.6220, 4.4420)

Have a look what the booklet for
YIQ(147.1380, -61.6220, 4.4420)
contains.

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Color

**YIQ(147.1380, -61.6220,
4.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA1DF
RGB	91, 161, 223
RGB Percent	36%, 63%, 87%
CMY	0.6432, 0.3685, 0.1258
CMYK	0.59, 0.28, 0.00, 0.13
HSL	208°, 67%, 62%
HSV	208°, 59%, 87%
XYZ	30.3704, 33.0463, 74.5372
YIQ	147.1380, -61.6220, 4.4420

Conversions

Conversions Part 2

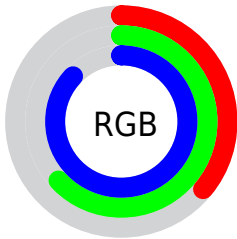
Format	Color
R _Y B	91, 137, 223
Decimal	6005215
CIE Lab	64.20, -3.85, -37.99
CIE LCh	64, 38.188, 264.207
Yxy	33.0463, 0.2201, 0.2395
Android (android.graphics.Color)	4284195295 (0xFF5BA1DF)
YUV	147.1380, 37.4000, -49.2330
Hunter-Lab	57.4859, -6.2967, -36.6363

Details

The YIQ color **147.1380, -61.6220, 4.4420** 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 **166.8620, 61.6220, -4.4420**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7120, -51.8550, -1.8630**, and **86.8970, -77.3010, -3.2610** is the 20% darker color. If you saturate the color by 10%, you get **134.6900, -71.9840, 5.0080**, and if you desaturate by 10%, it is **159.5860, -51.2600, 3.8760**.

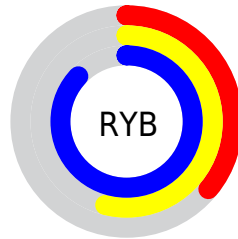
Distribution



Red (36%)

Green (63%)

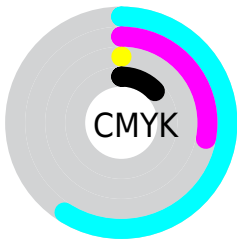
Blue (87%)



Red (36%)

Yellow (54%)

Blue (87%)

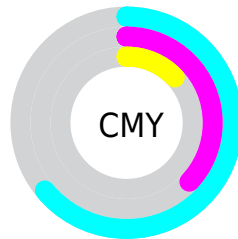


Cyan (59%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (64%)

Magenta (37%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.1380, -61.6220, 4.4420 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 147.1380, -61.6220, 4.4420 by changing the saturation by 10% instead.

■ 147.1380,
-61.6220, 4.4420

■ 147.1380,
-61.6220, 4.4420

■ 255.0000, -0.0000,
-0.0000

■ 119.1160,
-64.5560, 2.5480

■ 200.7120,
-51.8550, -1.8630

■ 86.8970, -77.3010,
-3.2610

■ 226.1180,
-41.6750, -10.1470

■ 66.5560, -68.9110,
-1.1270

■ 241.2460,
-27.4160, -9.7520

■ 50.0910, -54.2400,
2.8160

■ 250.2160, -9.5360,
-3.3920

■ 34.3270, -40.1650,
6.5470

■ 19.8510, -26.9610,
9.5430

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 147.1380,
-61.6220, 4.4420

■ 147.1380,
-61.6220, 4.4420

■ 134.6900,
-71.9840, 5.0080

■ 159.5860,
-51.2600, 3.8760

■ 121.3560,
-82.6670, 5.8850

■ 172.9200,
-40.5770, 2.9990

■ 108.9080,
-93.0290, 6.4510

■ 185.3680,
-30.2150, 2.4330

■ 95.8730,
-103.1160, 7.5400

■ 198.4030,
-20.1280, 1.3440

■ 94.6880,
-104.0330, 7.6390

■ 210.8510, -9.7660,
0.7780

■ 224.1850, 0.9170,
-0.0990

■ 236.6330, 11.2790,
-0.6650

■ 245.4820, 13.0220,
-4.7220

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



123.1430, -113.8850, -23.0770



147.1380, -61.6220, 4.4420



156.8660, -22.1490, 21.4590

Triad

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



147.1380, -61.6220, 4.4420



157.0950, 54.5570, 18.9810



144.9040, -18.4260, -29.5140

Complementary

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



147.1380, -61.6220, 4.4420



166.8620, 61.6220, -4.4420

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.



150.1330, 14.7220, -24.5260



147.1380, -61.6220, 4.4420



155.5980, 53.9180, 3.0220

Square

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



147.1380, -61.6220, 4.4420



159.0030, 40.6170, 29.3290



153.2720, 39.6160, -13.1200



136.3630, -59.3230, -31.7310

Rectangle

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



147.1380, -61.6220, 4.4420



159.9570, 2.7000, 28.1720



153.2720, 39.6160, -13.1200



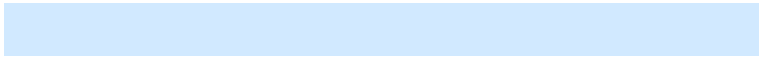
146.7760, -6.3220, -28.6100

Sweetspot

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



147.1380, -61.6220, 4.4420



228.3320, -21.3660, 1.7540



175.5520, -56.2020, -49.7540



111.1110, -13.4340, 1.1740



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.



147.1380, -61.6220, 4.4420



150.9860, -84.5010, 6.0830



108.3960, -43.4720, 38.9600



105.7760, -5.1810, 0.2830



74.6550, -82.0710, 6.0970



20.7340, -22.5580, 1.3300

Inverse Universe

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



138.4480, 56.2020, 49.7540



139.0630, 77.0600, 68.2280



205.6040, 43.4720, -38.9600



104.9730, 4.6300, 4.1980



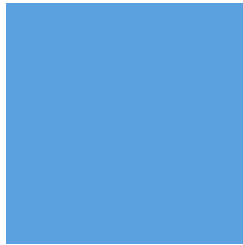
63.2260, 75.0430, 66.2350



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 147.1380, -61.6220, 4.4420 looks on a white background.

Color Contrast Check

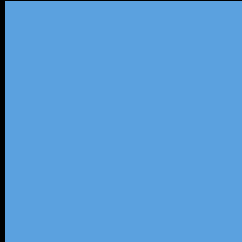
Large Text (above 18pt) WCAG AA × Fail

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 147.1380, -61.6220, 4.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

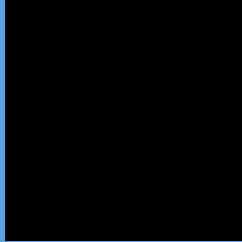
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.1380, -61.6220, 4.4420

Background



This preview shows how black text looks on a background with the YIQ color 147.1380, -61.6220, 4.4420.

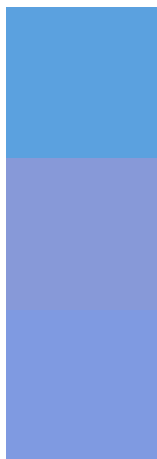


This preview shows how white text looks on a background with the YIQ color 147.1380, -61.6220,

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

147.1380, -61.6220, 4.4420

Protanopia

154.8000, -30.9510, 15.7770

Deuteranopia

154.0210, -38.8830, 16.3570



Tritanopia

141.7780, -61.3890, -16.3090

Trichromacy



Original Color

147.1380, -61.6220, 4.4420

Protanomaly

152.1190, -42.2750, 11.7490

Deuteranomaly

151.7810, -47.1350, 11.7210

Tritanomaly

143.8200, -61.2070, -8.5910

Monochromacy



Original Color

147.1380, -61.6220, 4.4420

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1470, -22.2830, 1.8530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.1380, -61.6220, 4.4420 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(91, 161, 223)` looks like.

```
.text, #text, p{  
    color:rgb(91, 161, 223)  
}
```

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(91, 161, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 161, 223) }
```

Border

The CSS property to change the border of an element to YIQ 147.1380, -61.6220, 4.4420 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(91, 161, 223) }
```


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

```
.border{ border-color:rgb(91, 161, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 161, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 161, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 161, 223);  
box-shadow:4px 4px 4px 4px rgb(91, 161,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 147.1380, -61.6220, 4.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 161, 223) }
```

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

```
.background{ background-color: rgb(91, 161,  
223) }
```

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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