

Converting Colors

YIQ(148.0840, -61.5300, 2.7740)

Have a look what the booklet for
YIQ(148.0840, -61.5300, 2.7740)
contains.

YIQ(148.0840, -61.5300, 2.7740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.0840, -61.5300,
2.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA3DD
RGB	91, 163, 221
RGB Percent	36%, 64%, 87%
CMY	0.6432, 0.3607, 0.1336
CMYK	0.59, 0.26, 0.00, 0.13
HSL	207°, 66%, 61%
HSV	207°, 59%, 87%
XYZ	30.4549, 33.6441, 73.2439
YIQ	148.0840, -61.5300, 2.7740

Conversions

Conversions Part 2

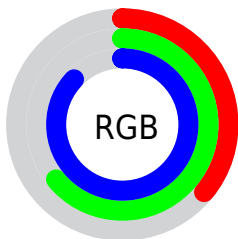
Format	Color
R_{YB}	91, 137, 221
Decimal	6005725
CIE _{Lab}	64.68, -5.61, -36.14
CIE _{LCh}	65, 36.571, 261.176
Y _{xy}	33.6441, 0.2217, 0.2450
Android (android.graphics.Color)	4284195805 (0xFF5BA3DD)
YUV	148.0840, 35.9476, -50.0627
Hunter-Lab	58.0035, -7.7844, -34.2659

Details

The YIQ color **148.0840, -61.5300, 2.7740** 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 **163.9160, 61.5300, -2.7740**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8860, -52.4050, -2.9090**, and **88.5550, -76.3380, -4.1940** is the 20% darker color. If you saturate the color by 10%, you get **135.6360, -71.8920, 3.3400**, and if you desaturate by 10%, it is **160.5320, -51.1680, 2.2080**.

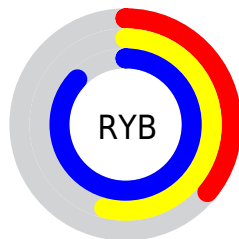
Distribution



Red (36%)

Green (64%)

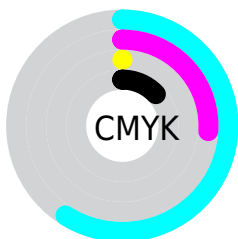
Blue (87%)



Red (36%)

Yellow (54%)

Blue (87%)

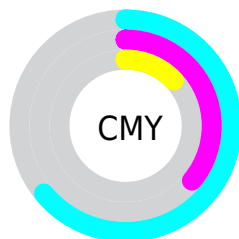


Cyan (59%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (64%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.0840, -61.5300, 2.7740 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 148.0840, -61.5300, 2.7740 by changing the saturation by 10% instead.

■ 148.0840,
-61.5300, 2.7740

■ 148.0840,
-61.5300, 2.7740

■ 255.0000, -0.0000,
-0.0000

■ 120.0620,
-64.4640, 0.8800

■ 201.8860,
-52.4050, -2.9090

■ 88.2560, -76.9340,
-4.4060

■ 226.9930,
-42.8210, -11.4050

■ 66.9150, -68.5440,
-2.2720

■ 241.2460,
-27.4160, -9.7520

■ 50.4500, -53.8730,
1.6710

■ 250.2160, -9.5360,
-3.3920

■ 35.2730, -40.0730,
4.8790

■ 20.9110, -27.1900,
8.1860

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 148.0840,
-61.5300, 2.7740

■ 148.0840,
-61.5300, 2.7740

■ 135.6360,
-71.8920, 3.3400

■ 160.5320,
-51.1680, 2.2080

■ 123.1880,
-82.2540, 3.9060

■ 172.9800,
-40.8060, 1.6420

■ 111.3270,
-92.8910, 3.9490

■ 185.4280,
-30.4440, 1.0760

■ 98.8790,
-103.2530, 4.5150

■ 197.2890,
-19.8070, 1.0330

■ 97.3950,
-104.7660, 4.4020

■ 209.7370, -9.4450,
0.4670

■ 222.4840, 1.5130,
0.1130

■ 234.9320, 11.8750,
-0.4530

■ 243.4930, 14.4890,
-3.7750

■ 249.3630, 11.7390,
-9.0050

Harmonies

Analogous

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



130.5530, -100.3600, -20.3920



148.0840, -61.5300, 2.7740



157.7300, -24.7620, 19.2540

Triad

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



148.0840, -61.5300, 2.7740



158.9530, 52.0810, 19.8010



147.8830, -13.9330, -28.3410

Complementary

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



148.0840, -61.5300, 2.7740



163.9160, 61.5300, -2.7740

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.



152.2690, 17.3350, -22.3210



148.0840, -61.5300, 2.7740



157.1680, 52.3130, 4.5770

Square

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



148.0840, -61.5300, 2.7740



160.6220, 37.3160, 28.5800



155.6250, 40.1200, -11.2400



140.6090, -51.2080, -30.1200

Rectangle

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



148.0840, -61.5300, 2.7740



160.6360, -0.8300, 26.0660



155.6250, 40.1200, -11.2400



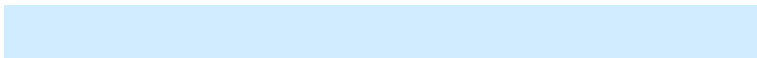
149.5700, -2.7460, -27.3380

Sweetspot

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



148.0840, -61.5300, 2.7740



229.5060, -21.9160, 0.7080



173.6940, -53.7260, -50.5740



111.6980, -13.7090, 0.6510



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.



148.0840, -61.5300, 2.7740



153.3340, -85.6010, 3.9910



111.1030, -44.2050, 35.7230



103.7760, -5.1810, 0.2830



76.0740, -81.9330, 3.5950



19.9190, -21.6410, 1.2310

Inverse Universe

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



138.0780, 54.3680, 49.9520



139.5190, 75.7760, 69.4720



200.8970, 44.2050, -35.7230



102.9730, 4.6300, 4.1980



62.6710, 72.2920, 66.5320



16.6040, 19.3910, 17.5270

Previews

White Background



This preview shows how the YIQ color 148.0840, -61.5300, 2.7740 looks on a white background.

Color Contrast Check

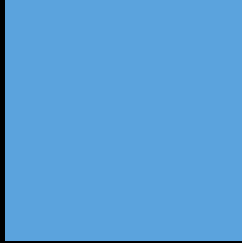
Large Text (above 18pt) WCAG AA × Fail

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 148.0840, -61.5300, 2.7740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

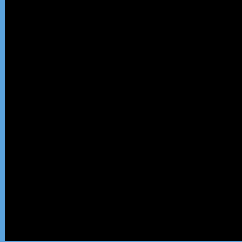
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.0840, -61.5300, 2.7740

Background



This preview shows how black text looks on a background with the YIQ color 148.0840, -61.5300, 2.7740.



This preview shows how white text looks on a background with the YIQ color 148.0840, -61.5300, 2.7740.

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

148.0840, -61.5300, 2.7740

Protanopia

156.0560, -28.7960, 15.2680

Deuteranopia

155.5760, -36.1320, 16.0600



Tritanopia

143.1910, -61.1140, -15.7860

Trichromacy



Original Color

148.0840, -61.5300, 2.7740

Protanomaly

153.0760, -40.7160, 11.0280

Deuteranomaly

152.7380, -45.5760, 11.0000

Tritanomaly

144.7060, -60.8860, -8.9020

Monochromacy



Original Color

148.0840, -61.5300, 2.7740

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7340, -22.5580, 1.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.0840, -61.5300, 2.7740 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, 163, 221)` looks like.

```
.text, #text, p{  
    color:rgb(91, 163, 221)  
}
```

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, 163, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 163, 221) }
```

Border

The CSS property to change the border of an element to YIQ 148.0840, -61.5300, 2.7740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

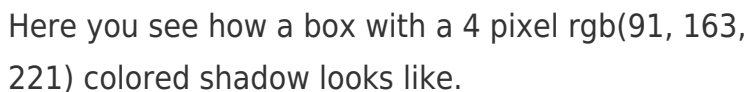
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 163, 221) }
```


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

```
.border{ border-color:rgb(91, 163, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 163, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 163, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 163, 221);  
box-shadow:4px 4px 4px 4px rgb(91, 163,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 148.0840, -61.5300, 2.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 163, 221) }
```

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

```
.background{ background-color: rgb(91, 163,  
221) }
```

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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