

Converting Colors

YIQ(144.3480, -61.8530,
14.1390)

Have a look what the booklet for
YIQ(144.3480, -61.8530, 14.1390)
contains.

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Color

**YIQ(144.3480, -61.8530,
14.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	5E98ED
RGB	94, 152, 237
RGB Percent	37%, 60%, 93%
CMY	0.6314, 0.4038, 0.0709
CMYK	0.60, 0.36, 0.00, 0.07
HSL	216°, 80%, 65%
HSV	216°, 60%, 93%
XYZ	31.1206, 30.9528, 84.3942
YIQ	144.3480, -61.8530, 14.1390

Conversions

Conversions Part 2

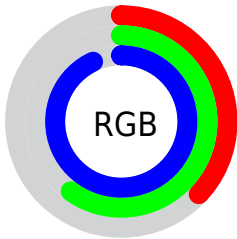
Format	Color
R _Y B	94, 135, 237
Decimal	6199533
CIE Lab	62.47, 6.40, -48.43
CIE LCh	62, 48.848, 277.524
Yxy	30.9528, 0.2125, 0.2113
Android (android.graphics.Color)	4284389613 (0xFF5E98ED)
YUV	144.3480, 45.6774, -44.1552
Hunter-Lab	55.6352, 2.4855, -50.9936

Details

The YIQ color **144.3480, -61.8530, 14.1390** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **186.6520, 61.8530, -14.1390**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0380, -46.7210, 4.2150**, and **83.1990, -80.7870, 4.8530** is the 20% darker color. If you saturate the color by 10%, you get **128.9540, -72.3070, 16.3730**, and if you desaturate by 10%, it is **159.7420, -51.3990, 11.9050**.

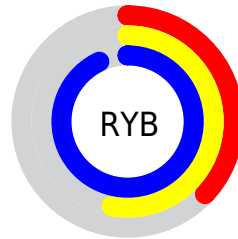
Distribution



Red (37%)

Green (60%)

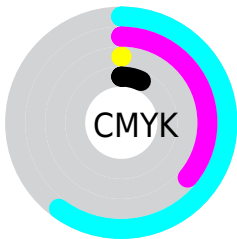
Blue (93%)



Red (37%)

Yellow (53%)

Blue (93%)

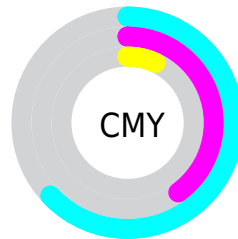


Cyan (60%)

Magenta (36%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.3480, -61.8530, 14.1390 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 144.3480, -61.8530, 14.1390 by changing the saturation by 10% instead.

■ 144.3480,
-61.8530, 14.1390

■ 144.3480,
-61.8530, 14.1390

■ 255.0000, -0.0000,
-0.0000

■ 115.9130,
-65.0620, 11.7220

■ 196.0380,
-46.7210, 4.2150

■ 83.1990, -80.7870,
4.8530

■ 221.4440,
-36.5410, -4.0690

■ 63.2280, -70.5630,
6.7890

■ 242.7410,
-24.4360, -8.6920

■ 47.3500, -56.1670,
10.2090

■ 251.7110, -6.5560,
-2.3320

■ 32.0590, -42.0460,
13.1060

■ 16.4090, -28.2920,
17.1480

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 144.3480,
-61.8530, 14.1390

■ 144.3480,
-61.8530, 14.1390

■ 128.9540,
-72.3070, 16.3730

■ 159.7420,
-51.3990, 11.9050

■ 113.8590,
-82.1650, 18.8190

■ 174.8370,
-41.5410, 9.4590

■ 98.4650, -92.6190,
21.0530

■ 190.2310,
-31.0870, 7.2250

■ 83.3700,
-102.4770, 23.4990

■ 205.6250,
-20.6330, 4.9910

■ 220.7200,
-10.7750, 2.5450

■ 236.1140, -0.3210,
0.3110

■ 250.6000, 6.8780,
-3.5060

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



122.6020, -119.2510, -13.9310



144.3480, -61.8530, 14.1390



154.8560, -7.0210, 33.6430

Triad

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



144.3480, -61.8530, 14.1390



150.3000, 69.9170, 15.9410



129.1600, -51.8020, -41.3860

Complementary

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



144.3480, -61.8530, 14.1390



186.6520, 61.8530, -14.1390

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.



141.1540, 1.0610, -35.7630



144.3480, -61.8530, 14.1390



149.0960, 60.8430, -6.8450

Square

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



144.3480, -61.8530, 14.1390



152.4740, 61.3400, 33.7240



145.8120, 37.5550, -25.3330



119.9050, -99.2560, -40.4080

Rectangle

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



144.3480, -61.8530, 14.1390



155.4590, 22.1380, 39.3380



145.8120, 37.5550, -25.3330



135.1640, -31.2620, -39.1820

Sweetspot

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



144.3480, -61.8530, 14.1390



225.3970, -19.9910, 4.3690



187.4030, -65.9680, -48.9760



109.3500, -12.6090, 2.7430



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.



144.3480, -61.8530, 14.1390



136.0010, -79.6890, 17.9990



113.8900, -38.7510, 47.0170



109.6020, -4.6310, 1.3290



64.0720, -78.4510, 17.5890



19.0700, -23.3840, 5.2880

Inverse Universe

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



143.3690, 66.6100, 48.3540



134.5660, 85.5890, 62.3330



217.1100, 38.7510, -47.0170



109.7450, 5.2720, 3.5760



62.5550, 84.1220, 61.3860



18.6540, 25.1220, 18.2900

Previews

White Background



This preview shows how the YIQ color 144.3480, -61.8530, 14.1390 looks on a white background.

Color Contrast Check

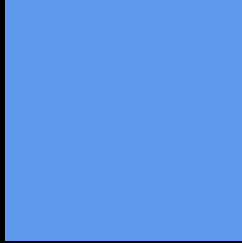
Large Text (above 18pt) WCAG AA × Fail

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 144.3480, -61.8530, 14.1390 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

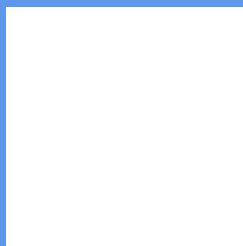
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 144.3480, -61.8530, 14.1390

Background



This preview shows how black text looks on a background with the YIQ color 144.3480, -61.8530, 14.1390.



This preview shows how white text looks on a background with the YIQ color 144.3480, -61.8530, 14.1390.

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

144.3480, -61.8530, 14.1390

Protanopia

148.4320, -44.2940, 20.8100

Deuteranopia

145.5660, -56.5350, 16.8810



Tritanopia

136.4790, -61.9850, -16.5210

Trichromacy



Original Color

144.3480, -61.8530, 14.1390

Protanomaly

147.0290, -50.5290, 18.1670

Deuteranomaly

145.2560, -58.5980, 15.7220

Tritanomaly

139.6290, -61.9870, -5.4670

Monochromacy



Original Color

144.3480, -61.8530, 14.1390

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.2550, -22.4670, 5.1890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.3480, -61.8530, 14.1390 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(94, 152, 237)` looks like.

```
.text, #text, p{  
    color:rgb(94, 152, 237)  
}
```

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(94, 152, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 152, 237) }
```

Border

The CSS property to change the border of an element to YIQ 144.3480, -61.8530, 14.1390 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(94, 152, 237) }
```


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

```
.border{ border-color:rgb(94, 152, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 152, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 152, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 152, 237);  
box-shadow:4px 4px 4px 4px rgb(94, 152,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 144.3480, -61.8530, 14.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 152, 237) }
```

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

```
.background{ background-color: rgb(94, 152,  
237) }
```

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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