

Converting Colors

YIQ(144.9050, -62.5840,
-0.1520)

Have a look what the booklet for
YIQ(144.9050, -62.5840, -0.1520)
contains.

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Color

**YIQ(144.9050, -62.5840,
-0.1520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 55A2D6 |
| RGB | 85, 162, 214 |
| RGB Percent | 33%, 64%, 84% |
| CMY | 0.6668, 0.3646, 0.1611 |
| CMYK | 0.60, 0.24, 0.00, 0.16 |
| HSL | 204°, 61%, 59% |
| HSV | 204°, 60%, 84% |
| XYZ | 28.7971, 32.6329, 68.3501 |
| YIQ | 144.9050, -62.5840, -0.1520 |

Conversions

Conversions Part 2

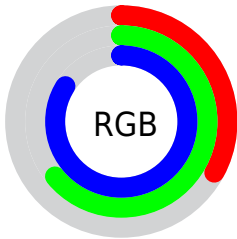
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 85, 133, 214 |
| Decimal | 5612246 |
| CIE Lab | 63.86, -8.42, -33.55 |
| CIE LCh | 64, 34.592, 255.921 |
| Yxy | 32.6329, 0.2219, 0.2514 |
| Android (android.graphics.Color) | 4283802326 (0xFF55A2D6) |
| YUV | 144.9050, 34.0638, -52.5367 |
| Hunter-Lab | 57.1252, -9.9864, -30.9526 |

Details

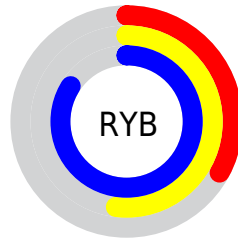
The YIQ color **144.9050, -62.5840, -0.1520** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **154.0950, 62.5840, 0.1520**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.5050, -55.7060, -3.6580**, and **83.2830, -81.5640, -8.6040** is the 20% darker color. If you saturate the color by 10%, you get **133.3430, -72.6250, 0.1030**, and if you desaturate by 10%, it is **156.4670, -52.5430, -0.4070**.

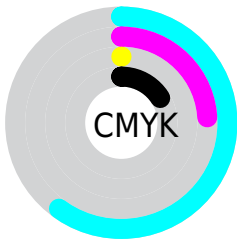
Distribution



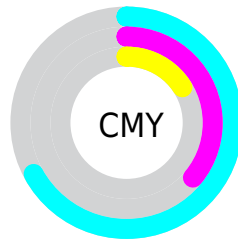
- Red (33%)
- Green (64%)
- Blue (84%)



- Red (33%)
- Yellow (52%)
- Blue (84%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.9050, -62.5840, -0.1520 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 144.9050, -62.5840, -0.1520 by changing the saturation by 10% instead.

■ 144.9050,
-62.5840, -0.1520

■ 144.9050,
-62.5840, -0.1520

■ 255.0000, -0.0000,
-0.0000

■ 116.5840,
-66.1140, -2.2580

■ 199.5050,
-55.7060, -3.6580

■ 83.2830, -81.5640,
-8.6040

■ 224.9110,
-45.5260, -11.9420

■ 65.6440, -66.3430,
-3.6150

■ 239.4520,
-30.9920, -11.0240

■ 49.1790, -51.6720,
0.3280

■ 248.4220,
-13.1120, -4.6640

■ 33.5290, -37.9180,
4.3700

■ 19.6400, -24.9890,
6.8430

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 144.9050,
-62.5840, -0.1520

■ 144.9050,
-62.5840, -0.1520

■ 133.3430,
-72.6250, 0.1030

■ 156.4670,
-52.5430, -0.4070

■ 122.0690,
-83.5370, -0.3770

■ 167.7410,
-41.6310, 0.0730

■ 110.5070,
-93.5780, -0.1220

■ 179.3030,
-31.5900, -0.1820

■ 99.5320,
-103.8940, -0.3900

■ 190.5770,
-20.6780, 0.2980

■ 202.1390,
-10.6370, 0.0430

■ 213.7010, -0.5960,
-0.2120

■ 224.9750, 10.3160,
0.2680

■ 236.2380, 19.7610,
-0.1990

■ 241.5210, 17.2860,
-4.9060

Harmonies

Analogous

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



131.9410, -89.7690, -19.6010



144.9050, -62.5840, -0.1520



154.5830, -28.8420, 16.1020

Triad

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



144.9050, -62.5840, -0.1520



157.0280, 47.4960, 20.2960



147.1720, -7.3770, -26.0090

Complementary

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



144.9050, -62.5840, -0.1520



154.0950, 62.5840, 0.1520

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.



151.0030, 21.1400, -19.6920



144.9050, -62.5840, -0.1520



155.9660, 50.0660, 6.7540

Square

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



144.9050, -62.5840, -0.1520



158.5720, 31.5850, 27.8170



153.9180, 40.8530, -8.0030



141.0510, -40.7090, -27.6610

Rectangle

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



144.9050, -62.5840, -0.1520



157.5320, -6.4690, 23.6350



153.9180, 40.8530, -8.0030



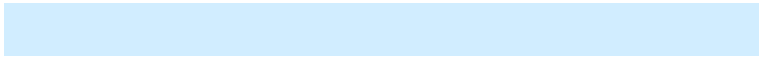
148.7880, 2.5720, -24.5960

Sweetspot

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



144.9050, -62.5840, -0.1520



230.6800, -22.4660, -0.3380



166.6510, -52.1670, -51.2950



112.2850, -13.9840, 0.1280



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.



144.9050, -62.5840, -0.1520



156.5460, -89.3140, -0.3060



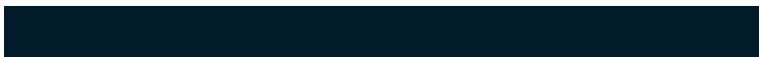
107.3370, -44.9840, 33.3200



101.3630, -5.4560, -0.2400



79.3680, -82.9410, -0.1650



20.1640, -20.9530, -0.2250

Inverse Universe

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



132.3490, 52.1670, 51.2950



138.5560, 74.3540, 73.2180



191.6630, 44.9840, -33.3200



100.0870, 4.3090, 4.5090



62.7570, 69.1740, 67.9740



15.8210, 17.2820, 17.2020

Previews

White Background



This preview shows how the YIQ color 144.9050, -62.5840, -0.1520 looks on a white background.

Color Contrast Check

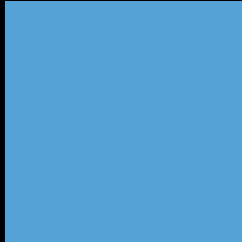
Large Text (above 18pt) WCAG AA × Fail

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 144.9050, -62.5840, -0.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

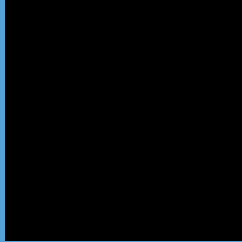
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 144.9050, -62.5840, -0.1520

Background



This preview shows how black text looks on a background with the YIQ color 144.9050, -62.5840, -0.1520.



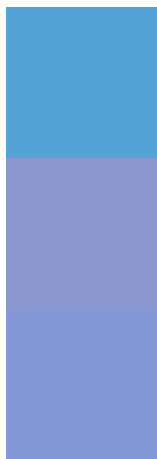
This preview shows how white text looks on a background with the YIQ color 144.9050, -62.5840, -0.1520.

-0.1520.

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

144.9050, -62.5840, -0.1520

Protanopia

154.2690, -25.0820, 14.0380

Deuteranopia

153.3160, -32.4640, 15.6640



Tritanopia

140.2940, -62.9020, -16.4220

Trichromacy



Original Color

144.9050, -62.5840, -0.1520

Protanomaly

150.9790, -39.0650, 8.6390

Deuteranomaly

150.4670, -43.3750, 9.6570

Tritanomaly

141.9830, -63.2240, -10.5840

Monochromacy



Original Color

144.9050, -62.5840, -0.1520

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.7940, -22.7870, -0.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.9050, -62.5840, -0.1520 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(85, 162, 214)` looks like.

```
.text, #text, p{  
    color:rgb(85, 162, 214)  
}
```

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(85, 162, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 162, 214) }
```

Border

The CSS property to change the border of an element to YIQ 144.9050, -62.5840, -0.1520 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(85, 162, 214) }
```


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

```
.border{ border-color:rgb(85, 162, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 162, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 162, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 162, 214);  
box-shadow:4px 4px 4px 4px rgb(85, 162,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 144.9050, -62.5840, -0.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 162, 214) }
```

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

```
.background{ background-color: rgb(85, 162,  
214) }
```

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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