

Converting Colors

YIQ(150.9860, -67.3060,
-2.6820)

Have a look what the booklet for
YIQ(150.9860, -67.3060, -2.6820)
contains.

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Color

**YIQ(150.9860, -67.3060,
-2.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	55ABDD
RGB	85, 171, 221
RGB Percent	33%, 67%, 87%
CMY	0.6668, 0.3293, 0.1336
CMYK	0.62, 0.23, 0.00, 0.13
HSL	202°, 67%, 60%
HSV	202°, 62%, 87%
XYZ	31.3528, 36.2851, 73.7034
YIQ	150.9860, -67.3060, -2.6820

Conversions

Conversions Part 2

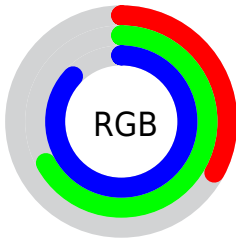
Format	Color
R _Y B	85, 138, 221
Decimal	5614557
CIE Lab	66.74, -11.15, -32.96
CIE LCh	67, 34.791, 251.306
Yxy	36.2851, 0.2218, 0.2567
Android (android.graphics.Color)	4283804637 (0xFF55ABDD)
YUV	150.9860, 34.5169, -57.8697
Hunter-Lab	60.2371, -12.5074, -30.3786

Details

The YIQ color **150.9860, -67.3060, -2.6820** 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 **155.0140, 67.3060, 2.6820**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0870, -57.5850, -8.1530**, and **88.7770, -86.0110, -10.6110** is the 20% darker color. If you saturate the color by 10%, you get **139.7120, -78.2180, -3.1620**, and if you desaturate by 10%, it is **162.2600, -56.3940, -2.2020**.

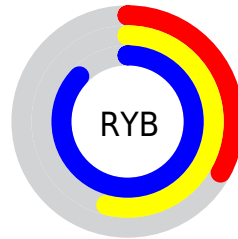
Distribution



Red (33%)

Green (67%)

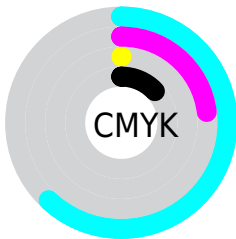
Blue (87%)



Red (33%)

Yellow (54%)

Blue (87%)

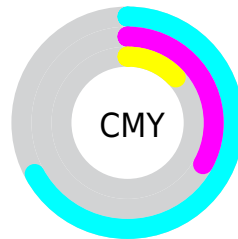


Cyan (62%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (67%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.9860, -67.3060, -2.6820 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 150.9860, -67.3060, -2.6820 by changing the saturation by 10% instead.

■ 150.9860,
-67.3060, -2.6820

■ 150.9860,
-67.3060, -2.6820

■ 255.0000, -0.0000,
-0.0000

■ 122.3660,
-71.4320, -5.0000

■ 205.0870,
-57.5850, -8.1530

■ 88.7770, -86.0110,
-10.6110

■ 231.0800,
-47.6800, -16.9600

■ 71.0240, -70.4690,
-5.9330

■ 240.0500,
-29.8000, -10.6000

■ 54.5590, -55.7980,
-1.9900

■ 249.0200,
-11.9200, -4.2400

■ 38.3220, -41.7690,
2.5750

■ 23.8460, -28.5650,
5.5710

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 150.9860,
-67.3060, -2.6820

■ 150.9860,
-67.3060, -2.6820

■ 139.7120,
-78.2180, -3.1620

■ 162.2600,
-56.3940, -2.2020

■ 128.4380,
-89.1300, -3.6420

■ 173.5340,
-45.4820, -1.7220

■ 117.1640,
-100.0420, -4.1220

■ 184.8080,
-34.5700, -1.2420

■ 107.3740,
-109.4410, -4.4890

■ 196.0820,
-23.6580, -0.7620

■ 207.9430,
-13.0210, -0.8050

■ 219.5160, -1.5130,
-0.1130

■ 230.7900, 9.3990,
0.3670

■ 239.9710, 16.1390,
-0.6370

■ 244.6670, 13.9390,
-4.8210

Harmonies

Analogous

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



139.5990, -88.8060, -20.5340



150.9860, -67.3060, -2.6820



160.8920, -34.2060, 14.1940

Triad

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



150.9860, -67.3060, -2.6820



165.3100, 46.7620, 22.5860



155.5100, -2.5170, -25.9810

Complementary

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



150.9860, -67.3060, -2.6820



155.0140, 67.3060, 2.6820

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.



159.0960, 25.3120, -18.2080



150.9860, -67.3060, -2.6820



164.0310, 51.4410, 9.3690

Square

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



150.9860, -67.3060, -2.6820



166.7180, 28.2380, 27.9020



161.9400, 43.7870, -6.1090



149.8620, -35.8030, -28.4670

Rectangle

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



150.9860, -67.3060, -2.6820



165.2540, -11.5580, 22.2500



161.9400, 43.7870, -6.1090



156.6530, 7.3860, -23.7340

Sweetspot

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



150.9860, -67.3060, -2.6820



231.2670, -22.7410, -0.8610



170.5320, -53.4500, -55.5780



112.8720, -14.2590, -0.3950



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.



150.9860, -67.3060, -2.6820



157.9860, -93.6690, -3.9810



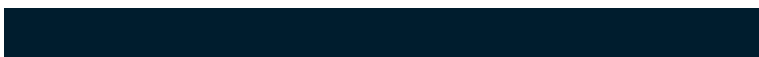
111.0700, -48.6060, 32.8820



104.3630, -5.4560, -0.2400



84.2920, -85.7830, -3.7270



22.2670, -22.7410, -0.8610

Inverse Universe

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



135.4680, 53.4500, 55.5780



136.1910, 74.1240, 77.3880



194.9300, 48.6060, -32.8820



103.0870, 4.3090, 4.5090



64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 150.9860, -67.3060, -2.6820 looks on a white background.

Color Contrast Check

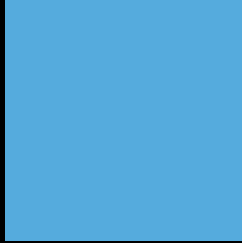
Large Text (above 18pt) WCAG AA × Fail

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 150.9860, -67.3060, -2.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

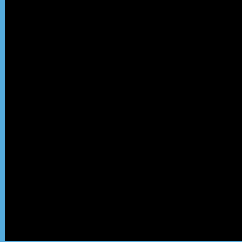
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.9860, -67.3060, -2.6820

Background



This preview shows how black text looks on a background with the YIQ color 150.9860, -67.3060, -2.6820.



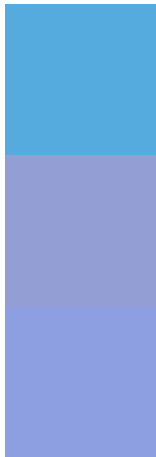
This preview shows how white text looks on a background with the YIQ color 150.9860, -67.3060, -2.6820.

-2.6820.

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

150.9860, -67.3060, -2.6820

Protanopia

161.4540, -24.1650, 13.9390

Deuteranopia

161.0280, -31.5930, 16.3990



Tritanopia

146.3150, -67.3950, -17.5950

Trichromacy



Original Color

150.9860, -67.3060, -2.6820

Protanomaly

157.2670, -39.9360, 7.9040

Deuteranomaly

157.2820, -44.2920, 9.7560

Tritanomaly

147.8900, -67.3960, -12.0680

Monochromacy



Original Color

150.9860, -67.3060, -2.6820

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.7830, -24.2540, -0.9740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9860, -67.3060, -2.6820 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, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 171, 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(85, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 171, 221) }
```

Border

The CSS property to change the border of an element to YIQ 150.9860, -67.3060, -2.6820 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, 171, 221) }
```


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

```
.border{ border-color:rgb(85, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 171,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9860, -67.3060, -2.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 171, 221) }
```

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

```
.background{ background-color: rgb(85, 171,  
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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