

Converting Colors

YIQ(163.1590, -75.2830,
-6.7950)

Have a look what the booklet for
YIQ(163.1590, -75.2830, -6.7950)
contains.

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Color

**YIQ(163.1590, -75.2830,
-6.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	57BCEB
RGB	87, 188, 235
RGB Percent	34%, 74%, 92%
CMY	0.6590, 0.2626, 0.0788
CMYK	0.63, 0.20, 0.00, 0.08
HSL	199°, 79%, 63%
HSV	199°, 63%, 92%
XYZ	36.9008, 44.0015, 85.0808
YIQ	163.1590, -75.2830, -6.7950

Conversions

Conversions Part 2

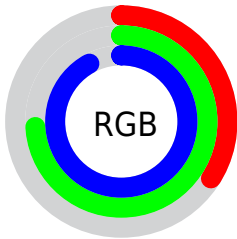
Format	Color
R_{YB}	87, 147, 235
Decimal	5749995
CIE _{Lab}	72.23, -15.54, -32.09
CIE _{LCh}	72, 35.659, 244.158
Yxy	44.0015, 0.2223, 0.2651
Android (android.graphics.Color)	4283940075 (0xFF57BCEB)
YUV	163.1590, 35.4176, -66.7914
Hunter-Lab	66.3336, -16.7859, -29.6130

Details

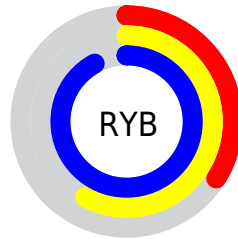
The YIQ color **163.1590, -75.2830, -6.7950** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **158.8410, 75.2830, 6.7950**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.8490, -60.1510, -16.7190**, and **99.6510, -94.5840, -14.9360** is the 20% darker color. If you saturate the color by 10%, you get **151.8740, -87.6620, -8.2220**, and if you desaturate by 10%, it is **174.1450, -63.5000, -5.5800**.

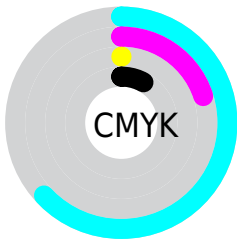
Distribution



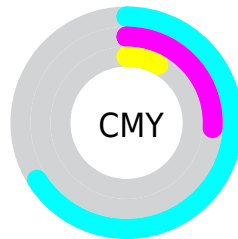
- Red (34%)
- Green (74%)
- Blue (92%)



- Red (34%)
- Yellow (58%)
- Blue (92%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (66%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1590, -75.2830, -6.7950 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 163.1590, -75.2830, -6.7950 by changing the saturation by 10% instead.

■ 163.1590,
-75.2830, -6.7950

■ 163.1590,
-75.2830, -6.7950

■ 255.0000, -0.0000,
-0.0000

■ 133.3540,
-80.3260, -9.0140

■ 216.8490,
-60.1510, -16.7190

■ 99.6510, -94.5840,
-14.9360

■ 232.2760,
-45.2960, -16.1120

■ 81.3110, -78.7670,
-9.7350

■ 241.5450,
-26.8200, -9.5400

■ 64.2590, -63.8210,
-5.2690

■ 250.5150, -8.9400,
-3.1800

■ 47.9080, -49.4710,
-1.0150

■ 32.2580, -35.7170,
3.0270

■ 16.7220, -22.2840,

7.3800

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 163.1590,
-75.2830, -6.7950

■ 163.1590,
-75.2830, -6.7950

■ 151.8740,
-87.6620, -8.2220

■ 174.1450,
-63.5000, -5.5800

■ 140.3010,
-99.1700, -8.9140

■ 186.0170,
-51.3960, -4.6760

■ 129.0160,
-111.5490, -10.3410

■ 197.0030,
-39.6130, -3.4610

■ 121.2970,
-119.7100, -11.1180

■ 208.8750,
-27.5090, -2.5570

■ 219.8610,
-15.7260, -1.3420

■ 231.7330, -3.6220,
-0.4380

■ 242.7190, 8.1610,
0.7770

■ 248.6110, 8.3450,
-2.5590

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



154.6160, -87.4760, -22.6120



163.1590, -75.2830, -6.7950



174.2220, -44.0630, 11.1130

Triad

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



163.1590, -75.2830, -6.7950



180.8200, 45.3860, 25.4980



170.9300, 5.0480, -25.4160

Complementary

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



163.1590, -75.2830, -6.7950



158.8410, 75.2830, 6.7950

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.



174.9720, 31.5930, -16.3990



163.1590, -75.2830, -6.7950



179.2210, 53.9620, 13.2420

Square

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



163.1590, -75.2830, -6.7950



182.0210, 23.0110, 29.0190



177.0980, 49.3340, -2.0100



165.7550, -28.1920, -28.7360

Rectangle

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



163.1590, -75.2830, -6.7950



178.7090, -20.2690, 20.4270



177.0980, 49.3340, -2.0100



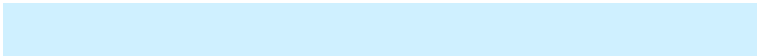
172.1870, 14.6300, -22.8580

Sweetspot

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



163.1590, -75.2830, -6.7950



231.8430, -24.4830, -2.3310



179.2340, -55.7870, -62.7870



113.1600, -15.1300, -1.1300



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.



163.1590, -75.2830, -6.7950



161.1870, -98.8490, -9.2250



119.7210, -54.9330, 31.9070



111.9500, -5.7310, -0.7630



93.4220, -92.2010, -8.5610



27.8750, -27.5090, -2.5570

Inverse Universe

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



142.7660, 55.7870, 62.7870



134.1680, 72.9310, 82.4910



202.2790, 54.9330, -31.9070



110.2010, 3.9880, 4.8200



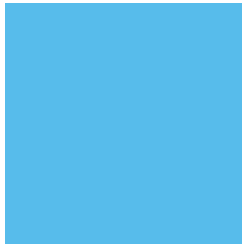
68.2550, 68.0720, 76.9360



20.3640, 20.3070, 22.9550

Previews

White Background



This preview shows how the YIQ color 163.1590, -75.2830, -6.7950 looks on a white background.

Color Contrast Check

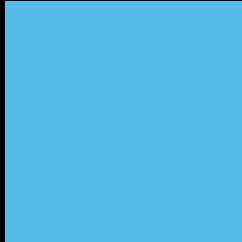
Large Text (above 18pt) WCAG AA × Fail

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 163.1590, -75.2830, -6.7950 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 163.1590, -75.2830, -6.7950

Background



This preview shows how black text looks on a background with the YIQ color 163.1590, -75.2830, -6.7950.



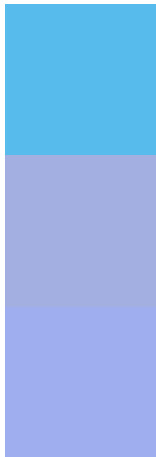
This preview shows how white text looks on a background with the YIQ color 163.1590, -75.2830, -6.7950.

-6.7950.

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

163.1590, -75.2830, -6.7950

Protanopia

176.5250, -22.9270, 13.5290

Deuteranopia

176.5120, -30.0800, 16.5120



Tritanopia

159.1290, -75.7390, -20.5630

Trichromacy



Original Color

163.1590, -75.2830, -6.7950

Protanomaly

171.5440, -42.2740, 6.2220

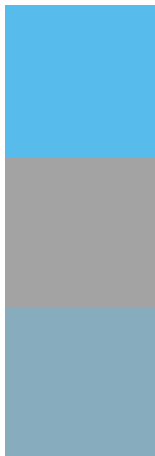
Deuteranomaly

171.5590, -46.6300, 8.0740

Tritanomaly

160.5900, -75.4190, -15.3470

Monochromacy



Original Color

163.1590, -75.2830, -6.7950

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8750, -27.5090, -2.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1590, -75.2830, -6.7950 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(87, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(87, 188, 235)  
}
```

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(87, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 188, 235) }
```

Border

The CSS property to change the border of an element to YIQ 163.1590, -75.2830, -6.7950 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(87, 188, 235) }
```


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

```
.border{ border-color:rgb(87, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(87, 188,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1590, -75.2830, -6.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 188, 235) }
```

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

```
.background{ background-color: rgb(87, 188,  
235) }
```

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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