

Converting Colors

YIQ(168.2410, -72.5780,
-6.2580)

Have a look what the booklet for
YIQ(168.2410, -72.5780, -6.2580)
contains.

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Color

**YIQ(168.2410, -72.5780,
-6.2580)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5FC0EE |
| RGB | 95, 192, 238 |
| RGB Percent | 37%, 75%, 93% |
| CMY | 0.6276, 0.2469, 0.0670 |
| CMYK | 0.60, 0.19, 0.00, 0.07 |
| HSL | 199°, 81%, 65% |
| HSV | 199°, 60%, 93% |
| XYZ | 38.9931, 46.3156, 87.7100 |
| YIQ | 168.2410, -72.5780, -6.2580 |

Conversions

Conversions Part 2

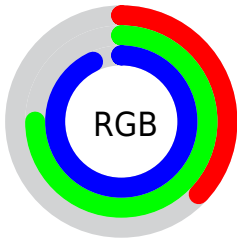
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 95, 153, 238 |
| Decimal | 6275310 |
| CIE Lab | 73.75, -15.33, -31.35 |
| CIE LCh | 74, 34.897, 243.943 |
| Yxy | 46.3156, 0.2254, 0.2677 |
| Android (android.graphics.Color) | 4284465390 (0xFF5FC0EE) |
| YUV | 168.2410, 34.3912, -64.2324 |
| Hunter-Lab | 68.0555, -16.8239, -28.7741 |

Details

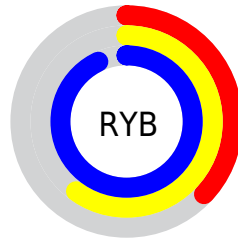
The YIQ color **168.2410, -72.5780, -6.2580** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **164.7590, 72.5780, 6.2580**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.2900, -57.0790, -17.3270**, and **104.1350, -93.0710, -14.8230** is the 20% darker color. If you saturate the color by 10%, you get **156.3690, -84.6820, -7.1620**, and if you desaturate by 10%, it is **180.1130, -60.4740, -5.3540**.

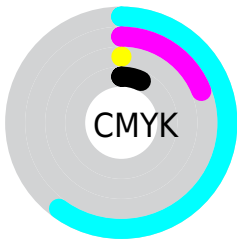
Distribution



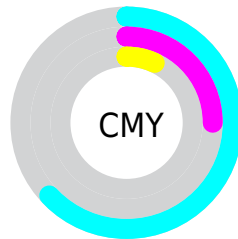
- Red (37%)
- Green (75%)
- Blue (93%)



- Red (37%)
- Yellow (60%)
- Blue (93%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.2410, -72.5780, -6.2580 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 168.2410, -72.5780, -6.2580 by changing the saturation by 10% instead.

■ 168.2410,
-72.5780, -6.2580

■ 168.2410,
-72.5780, -6.2580

■ 255.0000, -0.0000,
-0.0000

■ 139.0340,
-76.4290, -8.0530

■ 221.2900,
-57.0790, -17.3270

■ 103.8360,
-93.6670, -15.0350

■ 234.3690,
-41.1240, -14.6280

■ 84.0010, -80.8300,
-10.8940

■ 243.3390,
-23.2440, -8.2680

■ 66.9490, -65.8840,
-6.4280

■ 252.6080, -4.7680,
-1.6960

■ 49.8970, -50.9380,
-1.9620

■ 34.2470, -37.1840,
2.0800

■ 20.4720, -24.5760,

4.8640

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 168.2410,
-72.5780, -6.2580

■ 168.2410,
-72.5780, -6.2580

■ 156.3690,
-84.6820, -7.1620

■ 180.1130,
-60.4740, -5.3540

■ 145.0840,
-97.0610, -8.5890

■ 191.3980,
-48.0950, -3.9270

■ 133.5110,
-108.5690, -9.2810

■ 202.9710,
-36.5870, -3.2350

■ 122.2260,
-120.9480, -10.7080

■ 214.8430,
-24.4830, -2.3310

■ 226.1280,
-12.1040, -0.9040

■ 238.0000, -0.0000,
0.0000

■ 247.1920, 8.2070,
-0.0570

■ 251.8880, 6.0070,
-4.2410

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



160.8940, -82.3870, -21.2270



168.2410, -72.5780, -6.2580



178.4070, -43.1460, 11.0140

Triad

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



168.2410, -72.5780, -6.2580



185.1080, 44.5150, 24.7630



175.3430, 5.3230, -24.8930

Complementary

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



168.2410, -72.5780, -6.2580



164.7590, 72.5780, 6.2580

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.



179.0860, 31.2720, -16.0880



168.2410, -72.5780, -6.2580



183.0360, 53.0450, 13.3410

Square

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



168.2410, -72.5780, -6.2580



185.7220, 22.4150, 28.8070



181.6140, 47.8210, -2.1230



170.3530, -27.0000, -28.3120

Rectangle

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



168.2410, -72.5780, -6.2580



182.7090, -20.2690, 20.4270



181.6140, 47.8210, -2.1230



176.6000, 14.9050, -22.3350

Sweetspot

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



168.2410, -72.5780, -6.2580



232.4410, -23.2910, -1.9070



184.0710, -53.7700, -60.7940



113.4590, -14.5340, -0.9180



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.



168.2410, -72.5780, -6.2580



165.3510, -93.4390, -8.1510



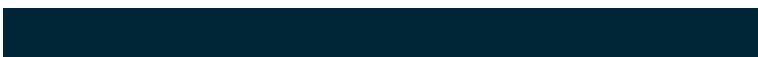
126.5640, -53.0530, 30.8750



114.0640, -6.0520, -0.4520



94.3510, -93.4390, -8.1510



28.6900, -28.4260, -2.4580

Inverse Universe

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



148.8150, 54.0910, 60.4830



140.2660, 69.5390, 77.8830



206.4360, 53.0530, -30.8750



112.5000, 4.5840, 5.0320



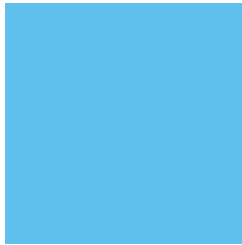
69.2660, 69.5390, 77.8830



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 168.2410, -72.5780, -6.2580 looks on a white background.

Color Contrast Check

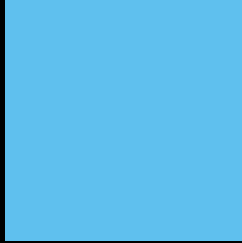
Large Text (above 18pt) WCAG AA × Fail

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 168.2410, -72.5780, -6.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

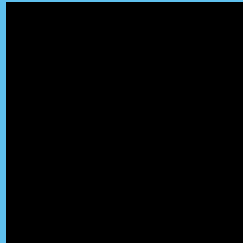
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

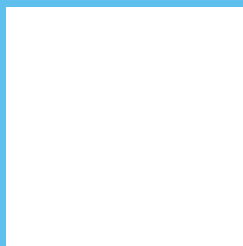
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.2410, -72.5780, -6.2580

Background



This preview shows how black text looks on a background with the YIQ color 168.2410, -72.5780, -6.2580.



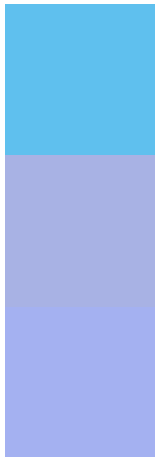
This preview shows how white text looks on a background with the YIQ color 168.2410, -72.5780, -6.2580.

-6.2580.

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

168.2410, -72.5780, -6.2580

Protanopia

180.7100, -22.0100, 13.4300

Deuteranopia

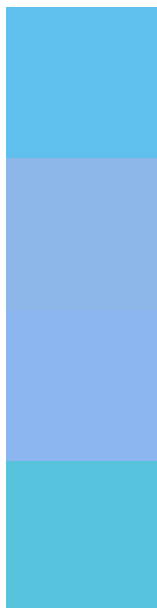
180.4090, -28.2920, 17.1480



Tritanopia

164.9230, -72.1630, -19.2910

Trichromacy



Original Color

168.2410, -72.5780, -6.2580

Protanomaly

176.0280, -40.7610, 6.3350

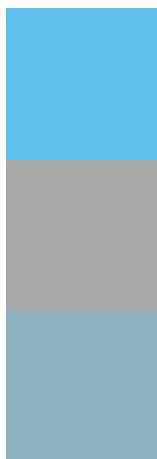
Deuteranomaly

175.7550, -44.2460, 8.9220

Tritanomaly

165.9710, -72.1180, -14.5980

Monochromacy



Original Color

168.2410, -72.5780, -6.2580

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0600, -26.5920, -2.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.2410, -72.5780, -6.2580 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(95, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(95, 192, 238)  
}
```

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(95, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 192, 238) }
```

Border

The CSS property to change the border of an element to YIQ 168.2410, -72.5780, -6.2580 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(95, 192, 238) }
```


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

```
.border{ border-color:rgb(95, 192, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 192, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 192, 238);  
box-shadow:4px 4px 4px 4px rgb(95, 192,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 168.2410, -72.5780, -6.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 192, 238) }
```

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

```
.background{ background-color: rgb(95, 192,  
238) }
```

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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