

Converting Colors

YIQ(164.1970, -60.1100,
10.0820)

Have a look what the booklet for
YIQ(164.1970, -60.1100, 10.0820)
contains.

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Color

**YIQ(164.1970, -60.1100,
10.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	71AEF8
RGB	113, 174, 248
RGB Percent	44%, 68%, 97%
CMY	0.5569, 0.3175, 0.0277
CMYK	0.54, 0.30, 0.00, 0.03
HSL	213°, 91%, 71%
HSV	213°, 54%, 97%
XYZ	38.8794, 40.5638, 94.5260
YIQ	164.1970, -60.1100, 10.0820

Conversions

Conversions Part 2

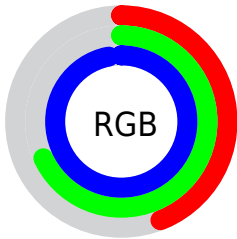
Format	Color
R _Y B	113, 155, 248
Decimal	7450360
CIE Lab	69.87, 1.04, -42.74
CIE LCh	70, 42.754, 271.389
Yxy	40.5638, 0.2235, 0.2332
Android (android.graphics.Color)	4285640440 (0xFF71AEF8)
YUV	164.1970, 41.3149, -44.8998
Hunter-Lab	63.6897, -2.4915, -43.4134

Details

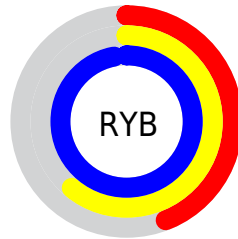
The YIQ color **164.1970, -60.1100, 10.0820** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **196.8030, 60.1100, -10.0820**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9210, -42.3180, -3.9980**, and **107.7400, -66.2530, 5.7710** is the 20% darker color. If you saturate the color by 10%, you get **148.5040, -71.1600, 12.1040**, and if you desaturate by 10%, it is **179.8900, -49.0600, 8.0600**.

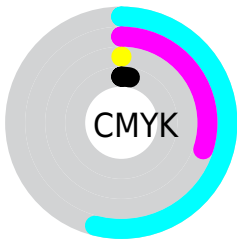
Distribution



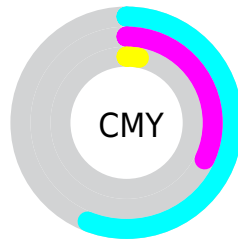
- Red (44%)
- Green (68%)
- Blue (97%)



- Red (44%)
- Yellow (61%)
- Blue (97%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (56%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.1970, -60.1100, 10.0820 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 164.1970, -60.1100, 10.0820 by changing the saturation by 10% instead.

■ 164.1970,
-60.1100, 10.0820

■ 164.1970,
-60.1100, 10.0820

■ 255.0000, -0.0000,
-0.0000

■ 136.3600,
-62.1270, 8.0890

■ 214.9210,
-42.3180, -3.9980

■ 107.7400,
-66.2530, 5.7710

■ 239.1530,
-31.5880, -11.2360

■ 75.6350, -79.3190,
0.2730

■ 248.1230,
-13.7080, -4.8760

■ 59.0560, -64.3270,
3.9050

■ 43.1780, -49.9310,
7.3250

■ 28.1150, -36.4520,
10.8440

■ 10.7040, -21.8730,

16.4550

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 164.1970,
-60.1100, 10.0820

■ 164.1970,
-60.1100, 10.0820

■ 148.5040,
-71.1600, 12.1040

■ 179.8900,
-49.0600, 8.0600

■ 133.3980,
-82.4850, 13.6030

■ 194.9960,
-37.7350, 6.5610

■ 118.0040,
-92.9390, 15.8370

■ 210.3900,
-27.2810, 4.3270

■ 102.8980,
-104.2640, 17.3360

■ 225.4960,
-15.9560, 2.8280

■ 94.0160,
-110.4080, 18.5520

■ 241.1890, -4.9060,
0.8060

■ 254.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



135.1400, -126.9980, -22.2140



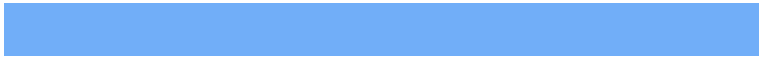
164.1970, -60.1100, 10.0820



173.8610, -14.5850, 27.5510

Triad

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



164.1970, -60.1100, 10.0820



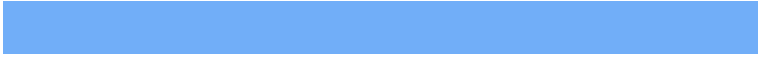
172.2330, 62.8560, 17.2560



156.7990, -31.4920, -35.0120

Complementary

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



164.1970, -60.1100, 10.0820



196.8030, 60.1100, -10.0820

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.



163.1490, 8.6250, -29.6710



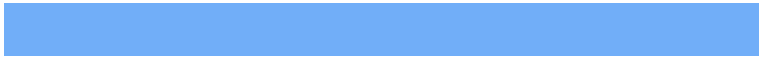
164.1970, -60.1100, 10.0820



170.0020, 58.4120, -1.3320

Square

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



164.1970, -60.1100, 10.0820



174.2170, 51.7580, 31.1660



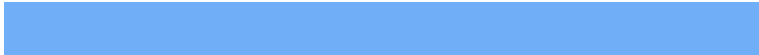
167.3980, 39.0210, -18.8590



141.7770, -87.1520, -39.5040

Rectangle

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



164.1970, -60.1100, 10.0820



175.3220, 12.0980, 34.0660



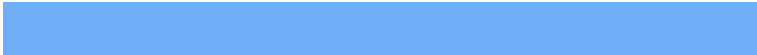
167.3980, 39.0210, -18.8590



159.4540, -17.2790, -33.7830

Sweetspot

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



164.1970, -60.1100, 10.0820



229.8270, -18.3860, 2.8140



200.4530, -60.2370, -48.2130



112.3070, -11.0500, 2.0220



0.0000, 0.0000, 0.0000



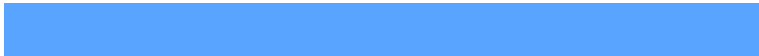
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



164.1970, -60.1100, 10.0820



151.9490, -73.9110, 12.4010



129.5860, -40.9510, 42.8330



117.0040, -5.8230, 0.9050



71.4410, -84.0440, 14.3240



23.3900, -27.2810, 4.3270

Inverse Universe

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



160.3190, 60.8790, 47.5910



147.1840, 74.8610, 58.5170



231.1150, 40.3550, -43.0450



116.5710, 5.8220, 4.6220



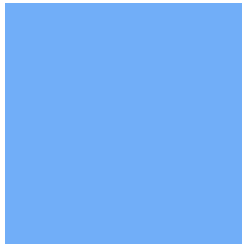
66.2010, 85.3590, 66.5030



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 164.1970, -60.1100, 10.0820 looks on a white background.

Color Contrast Check

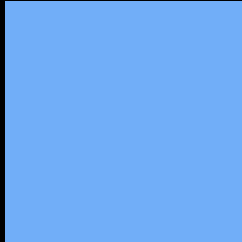
Large Text (above 18pt) WCAG AA × Fail

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 164.1970, -60.1100, 10.0820 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

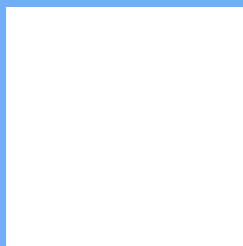
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 164.1970, -60.1100, 10.0820

Background



This preview shows how black text looks on a background with the YIQ color 164.1970, -60.1100, 10.0820.



This preview shows how white text looks on a background with the YIQ color 164.1970, -60.1100,

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

164.1970, -60.1100, 10.0820

Protanopia

169.3850, -36.9120, 19.1840

Deuteranopia

168.5520, -44.7520, 18.0960



Tritanopia

158.9850, -57.5380, -14.5140

Trichromacy



Original Color

164.1970, -60.1100, 10.0820

Protanomaly

167.7860, -45.5310, 15.6930

Deuteranomaly

167.0350, -50.6660, 15.1420

Tritanomaly

160.7820, -58.0440, -5.3400

Monochromacy



Original Color

164.1970, -60.1100, 10.0820

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.2010, -22.3750, 3.5210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1970, -60.1100, 10.0820 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(113, 174, 248)` looks like.

```
.text, #text, p{  
    color:rgb(113, 174, 248)  
}
```

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(113, 174, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 174, 248) }
```

Border

The CSS property to change the border of an element to YIQ 164.1970, -60.1100, 10.0820 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(113, 174, 248) }
```


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

```
.border{ border-color:rgb(113, 174, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 174, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 174, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 174, 248);  
box-shadow:4px 4px 4px 4px rgb(113, 174,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1970, -60.1100, 10.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 174, 248) }
```

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

```
.background{ background-color: rgb(113,  
174, 248) }
```

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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