

Converting Colors

YIQ(177.3730, -64.1420,
-4.9580)

Have a look what the booklet for
YIQ(177.3730, -64.1420, -4.9580)
contains.

YIQ(177.3730, -64.1420, -4.9580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(177.3730, -64.1420,
-4.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	71C6F0
RGB	113, 198, 240
RGB Percent	44%, 78%, 94%
CMY	0.5570, 0.2234, 0.0591
CMYK	0.53, 0.17, 0.00, 0.06
HSL	200°, 81%, 69%
HSV	200°, 53%, 94%
XYZ	42.7239, 50.1992, 89.8187
YIQ	177.3730, -64.1420, -4.9580

Conversions

Conversions Part 2

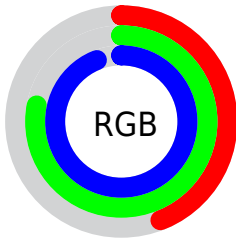
Format	Color
R _Y B	113, 164, 240
Decimal	7456496
CIE Lab	76.19, -14.36, -28.62
CIE LCh	76, 32.022, 243.350
Yxy	50.1992, 0.2338, 0.2747
Android (android.graphics.Color)	4285646576 (0xFF71C6F0)
YUV	177.3730, 30.8751, -56.4551
Hunter-Lab	70.8514, -16.3533, -25.5663

Details

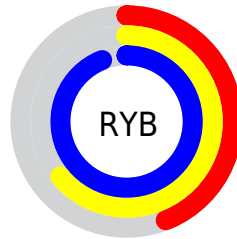
The YIQ color $177.3730, -64.1420, -4.9580$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $175.6270, 64.1420, 4.9580$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $230.1830, -49.4680, -17.5960$, and $120.1550, -69.4600, -7.7000$ is the 20% darker color. If you saturate the color by 10%, you get $165.5010, -76.2460, -5.8620$, and if you desaturate by 10%, it is $189.2450, -52.0380, -4.0540$.

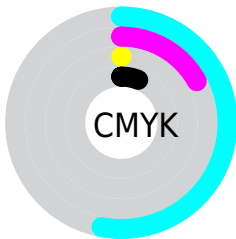
Distribution



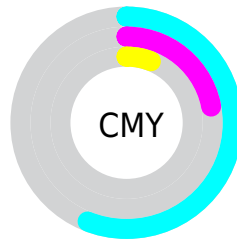
- Red (44%)
- Green (78%)
- Blue (94%)



- Red (44%)
- Yellow (64%)
- Blue (94%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.3730, -64.1420, -4.9580 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 177.3730, -64.1420, -4.9580 by changing the saturation by 10% instead.

■ 177.3730,
-64.1420, -4.9580

■ 177.3730,
-64.1420, -4.9580

■ 255.0000, -0.0000,
-0.0000

■ 149.3620,
-65.6090, -5.9050

■ 230.1830,
-49.4680, -17.5960

■ 120.1550,
-69.4600, -7.7000

■ 238.8540,
-32.1840, -11.4480

■ 87.7510, -83.1220,
-13.4100

■ 247.8240,
-14.3040, -5.0880

■ 70.1120, -67.9010,
-8.4210

■ 53.0600, -52.9550,
-3.9550

■ 37.4100, -39.2010,
0.0870

■ 23.0480, -26.3180,

3.3940

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 177.3730,
-64.1420, -4.9580

■ 177.3730,
-64.1420, -4.9580

■ 165.5010,
-76.2460, -5.8620

■ 189.2450,
-52.0380, -4.0540

■ 153.6290,
-88.3500, -6.7660

■ 201.1170,
-39.9340, -3.1500

■ 141.7570,
-100.4540, -7.6700

■ 212.9890,
-27.8300, -2.2460

■ 129.8850,
-112.5580, -8.5740

■ 224.8610,
-15.7260, -1.3420

■ 121.8670,
-121.3150, -9.5630

■ 236.7330, -3.6220,
-0.4380

■ 248.0070, 7.2900,
0.0420

■ 252.1160, 5.3650,
-3.6190

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

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



171.9340, -70.6960, -18.3440



177.3730, -64.1420, -4.9580



185.6200, -39.4320, 9.7840

Triad

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



177.3730, -64.1420, -4.9580



191.9010, 40.6640, 22.9680



182.8100, 5.5060, -22.7020

Complementary

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



177.3730, -64.1420, -4.9580



175.6270, 64.1420, 4.9580

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.



185.7700, 29.3460, -14.2220



177.3730, -64.1420, -4.9580



190.3560, 49.1480, 12.3800

Square

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



177.3730, -64.1420, -4.9580



192.7710, 20.7190, 26.5030



188.4720, 45.3450, -1.3030



178.3750, -24.0660, -26.4180

Rectangle

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



177.3730, -64.1420, -4.9580



189.7260, -18.9390, 18.3490



188.4720, 45.3450, -1.3030



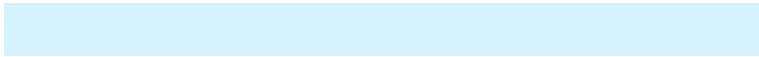
183.7680, 14.4920, -20.3560

Sweetspot

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



177.3730, -64.1420, -4.9580



235.1100, -20.8610, -1.8930



192.1090, -47.7650, -53.9810



115.8290, -12.7000, -1.1160



0.0000, 0.0000, 0.0000



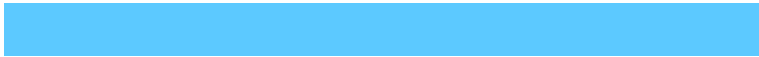
128.0000, -0.0000, -0.0000

Same Dimension

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



177.3730, -64.1420, -4.9580



174.5650, -82.2980, -6.3140



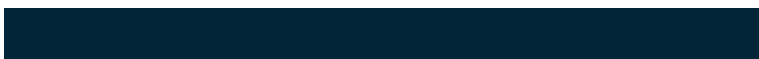
140.9790, -47.0920, 27.4680



114.0640, -6.0520, -0.4520



93.1770, -92.8890, -7.1050



28.6900, -28.4260, -2.4580

Inverse Universe

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



160.6630, 48.4070, 53.3590



153.1630, 62.1590, 68.4550



212.0210, 47.0920, -27.4680



112.5000, 4.5840, 5.0320



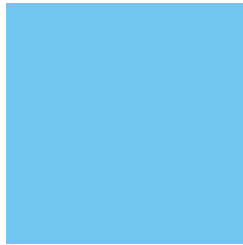
69.0380, 70.1810, 77.2610



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 177.3730, -64.1420, -4.9580 looks on a white background.

Color Contrast Check

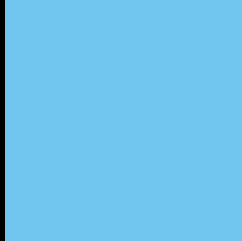
Large Text (above 18pt) WCAG AA × Fail

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 177.3730, -64.1420, -4.9580 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

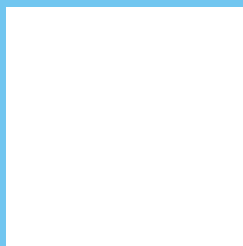
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 177.3730, -64.1420, -4.9580

Background



This preview shows how black text looks on a background with the YIQ color 177.3730, -64.1420, -4.9580.



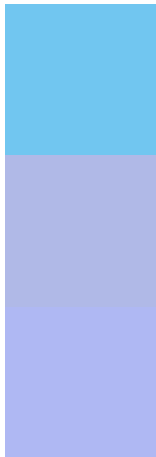
This preview shows how white text looks on a background with the YIQ color 177.3730, -64.1420, -4.9580.

-4.9580.

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

177.3730, -64.1420, -4.9580

Protanopia

187.5530, -20.1300, 12.3980

Deuteranopia

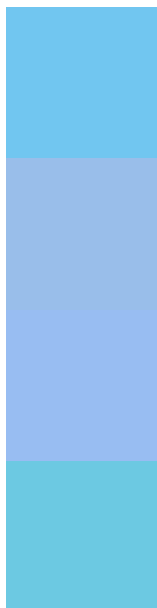
188.0350, -24.3030, 16.4410



Tritanopia

174.8210, -62.9480, -15.5880

Trichromacy



Original Color

177.3730, -64.1420, -4.9580

Protanomaly

183.9530, -36.1760, 5.8400

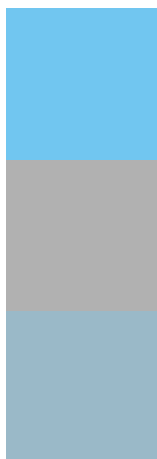
Deuteranomaly

183.9790, -39.0650, 8.6390

Tritanomaly

176.0430, -63.4530, -11.9410

Monochromacy



Original Color

177.3730, -64.1420, -4.9580

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.4410, -23.2910, -1.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.3730, -64.1420, -4.9580 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, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(113, 198, 240)  
}
```

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, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 198, 240) }
```

Border

The CSS property to change the border of an element to YIQ 177.3730, -64.1420, -4.9580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

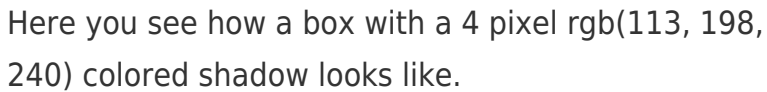
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 198, 240) }
```


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

```
.border{ border-color:rgb(113, 198, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(113, 198, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 198, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 198, 240); box-shadow:4px 4px 4px 4px rgb(113, 198, 240) }
```

Background

The CSS property to change the background color of an element to YIQ 177.3730, -64.1420, -4.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 198, 240) }
```

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

```
.background{ background-color: rgb(113,  
198, 240) }
```

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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