

Converting Colors

YIQ(172.6570, -50.0220, 3.4660)

Have a look what the booklet for
YIQ(172.6570, -50.0220, 3.4660)
contains.

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Color

**YIQ(172.6570, -50.0220,
3.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB8EA
RGB	127, 184, 234
RGB Percent	50%, 72%, 92%
CMY	0.5020, 0.2783, 0.0826
CMYK	0.46, 0.21, 0.00, 0.08
HSL	208°, 72%, 71%
HSV	208°, 46%, 92%
XYZ	40.7365, 44.7380, 84.2846
YIQ	172.6570, -50.0220, 3.4660

Conversions

Conversions Part 2

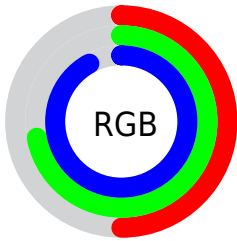
Format	Color
RYB	127, 164, 234
Decimal	8370410
CIELab	72.72, -5.43, -30.67
CIElCh	73, 31.150, 259.962
Yxy	44.7380, 0.2400, 0.2635
Android (android.graphics.Color)	4286560490 (0xFF7FB8EA)
YUV	172.6570, 30.2421, -40.0412
Hunter-Lab	66.8865, -8.3378, -27.8916

Details

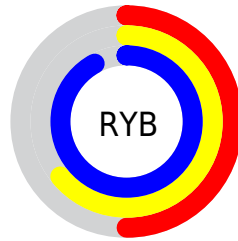
The YIQ color **172.6570, -50.0220, 3.4660** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.3430, 50.0220, -3.4660**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.9660, -38.1910, -7.2070**, and **118.1190, -51.4430, 1.6850** is the 20% darker color. If you saturate the color by 10%, you get **159.3230, -60.7050, 4.3430**, and if you desaturate by 10%, it is **185.9910, -39.3390, 2.5890**.

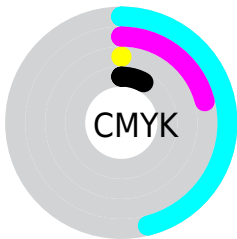
Distribution



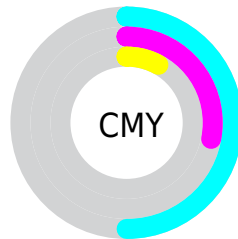
- Red (50%)
- Green (72%)
- Blue (92%)



- Red (50%)
- Yellow (64%)
- Blue (92%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.6570, -50.0220, 3.4660 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 172.6570, -50.0220, 3.4660 by changing the saturation by 10% instead.

■ 172.6570,
-50.0220, 3.4660

■ 172.6570,
-50.0220, 3.4660

■ 255.0000, -0.0000,
-0.0000

■ 145.2440,
-50.2970, 2.9430

■ 224.9660,
-38.1910, -7.2070

■ 118.1190,
-51.4430, 1.6850

■ 242.4420,
-25.0320, -8.9040

■ 90.7980, -54.9730,
-0.4210

■ 251.1130, -7.7480,
-2.7560

■ 62.3840, -62.6750,
-4.0110

■ 46.0330, -48.3250,
0.2430

■ 30.9700, -34.8460,
3.7620

■ 16.0210, -21.6880,

7.5920

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 172.6570,
-50.0220, 3.4660

■ 172.6570,
-50.0220, 3.4660

■ 159.3230,
-60.7050, 4.3430

■ 185.9910,
-39.3390, 2.5890

■ 145.6900,
-71.9840, 5.0080

■ 199.6240,
-28.0600, 1.9240

■ 132.3560,
-82.6670, 5.8850

■ 212.9580,
-17.3770, 1.0470

■ 118.7230,
-93.9460, 6.5500

■ 226.5910, -6.0980,
0.3820

■ 105.3890,
-104.6290, 7.4270

■ 239.9250, 4.5850,
-0.4950

■ 100.0510,
-109.4890, 7.3990

■ 249.6710, 8.1160,
-3.9160

■ 252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



165.1180, -68.0380, -11.4460



172.6570, -50.0220, 3.4660



179.7040, -21.8730, 16.4550

Triad

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



172.6570, -50.0220, 3.4660



181.5500, 45.8460, 17.1580



171.2580, -10.4950, -24.5670

Complementary

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



172.6570, -50.0220, 3.4660



188.3430, 50.0220, -3.4660

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.



175.0780, 16.5550, -19.1970



172.6570, -50.0220, 3.4660



179.9440, 47.1320, 4.8600

Square

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



172.6570, -50.0220, 3.4660



182.4640, 31.7690, 24.4810



177.4660, 36.3140, -8.3420



166.8170, -39.9300, -25.2580

Rectangle

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



172.6570, -50.0220, 3.4660



182.2290, -1.2420, 22.5180



177.4660, 36.3140, -8.3420



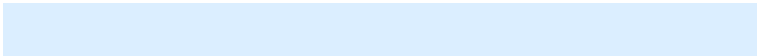
172.5750, -1.1420, -23.3660

Sweetspot

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



172.6570, -50.0220, 3.4660



234.2570, -16.7810, 1.2590



195.2810, -44.8330, -41.0330



114.9650, -10.0870, 1.0890



0.0000, 0.0000, 0.0000



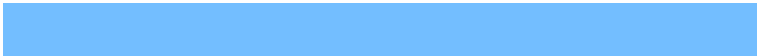
128.0000, -0.0000, -0.0000

Same Dimension

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



172.6570, -50.0220, 3.4660



174.9850, -65.5650, 4.3150



142.1330, -35.7220, 30.6620



110.7760, -5.1810, 0.2830



77.5730, -84.7760, 5.5600



23.1790, -25.3090, 1.6270

Inverse Universe

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



165.4910, 45.4750, 40.4110



165.4100, 59.3650, 53.0050



218.8670, 35.7220, -30.6620



109.9730, 4.6300, 4.1980



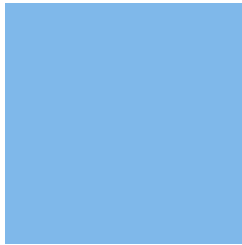
65.1770, 76.7390, 68.5390



19.4520, 22.8750, 20.4670

Previews

White Background



This preview shows how the YIQ color 172.6570, -50.0220, 3.4660 looks on a white background.

Color Contrast Check

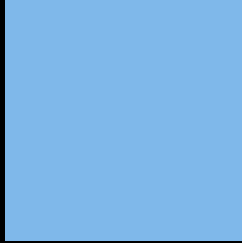
Large Text (above 18pt) WCAG AA × Fail

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 172.6570, -50.0220, 3.4660 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

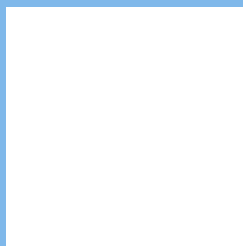
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.6570, -50.0220, 3.4660

Background



This preview shows how black text looks on a background with the YIQ color 172.6570, -50.0220, 3.4660.

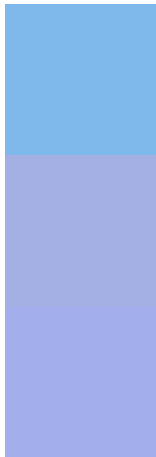


This preview shows how white text looks on a background with the YIQ color 172.6570, -50.0220,

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

172.6570, -50.0220, 3.4660

Protanopia

178.3400, -23.8440, 13.6280

Deuteranopia

178.3660, -26.7330, 16.4270



Tritanopia

169.5950, -47.4520, -10.0760

Trichromacy



Original Color

172.6570, -50.0220, 3.4660

Protanomaly

176.4420, -33.0590, 9.9250

Deuteranomaly

176.1260, -34.9850, 11.7910

Tritanomaly

170.5720, -48.6450, -4.9730

Monochromacy



Original Color

172.6570, -50.0220, 3.4660

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7730, -18.2940, 1.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.6570, -50.0220, 3.4660 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(127, 184, 234)` looks like.

```
.text, #text, p{  
    color:rgb(127, 184, 234)  
}
```

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(127, 184, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 184, 234) }
```

Border

The CSS property to change the border of an element to YIQ 172.6570, -50.0220, 3.4660 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(127, 184, 234) }
```


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

```
.border{ border-color:rgb(127, 184, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 184, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 184, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 184, 234);  
box-shadow:4px 4px 4px 4px rgb(127, 184,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 172.6570, -50.0220, 3.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 184, 234) }
```

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

```
.background{ background-color: rgb(127,  
184, 234) }
```

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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