

Converting Colors

YIQ(174.6640, -69.0950, 2.2090)

Have a look what the booklet for
YIQ(174.6640, -69.0950, 2.2090)
contains.

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Color

**YIQ(174.6640, -69.0950,
2.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC0FF
RGB	110, 192, 255
RGB Percent	43%, 75%, 100%
CMY	0.5688, 0.2469, 0.0003
CMYK	0.57, 0.25, 0.00, 0.00
HSL	206°, 100%, 72%
HSV	206°, 57%, 100%
XYZ	43.3194, 48.2416, 101.5666
YIQ	174.6640, -69.0950, 2.2090

Conversions

Conversions Part 2

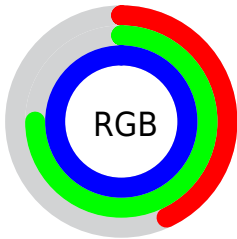
Format	Color
R _Y B	110, 162, 255
Decimal	7258367
CIE Lab	74.98, -7.36, -38.56
CIE LCh	75, 39.255, 259.197
Yxy	48.2416, 0.2243, 0.2498
Android (android.graphics.Color)	4285448447 (0xFF6EC0FF)
YUV	174.6640, 39.6056, -56.7103
Hunter-Lab	69.4562, -10.2189, -38.0811

Details

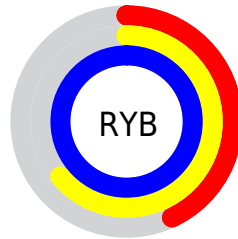
The YIQ color **174.6640, -69.0950, 2.2090** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **190.3360, 69.0950, -2.2090**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.4760, -48.7350, -14.3590**, and **116.1250, -77.9430, -2.6390** is the 20% darker color. If you saturate the color by 10%, you get **160.4330, -81.5660, 2.4500**, and if you desaturate by 10%, it is **188.5960, -57.2200, 1.7560**.

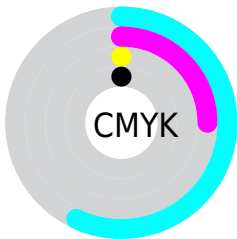
Distribution



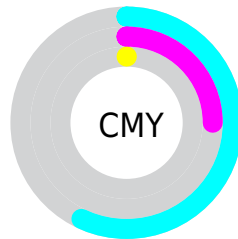
- Red (43%)
- Green (75%)
- Blue (100%)



- Red (43%)
- Yellow (64%)
- Blue (100%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.6640, -69.0950, 2.2090 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 174.6640, -69.0950, 2.2090 by changing the saturation by 10% instead.

■ 174.6640,
-69.0950, 2.2090

■ 174.6640,
-69.0950, 2.2090

■ 255.0000, -0.0000,
-0.0000

■ 145.9410,
-71.4330, 0.5270

■ 225.4760,
-48.7350, -14.3590

■ 116.1250,
-77.9430, -2.6390

■ 238.5550,
-32.7800, -11.6600

■ 85.7110, -85.6450,
-6.2290

■ 247.8240,
-14.3040, -5.0880

■ 68.6590, -70.6990,
-1.7630

■ 52.1940, -56.0280,
2.1800

■ 36.4300, -41.9530,
5.9110

■ 21.9540, -28.7490,

8.9070

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,
6.9410

■ 174.6640,
-69.0950, 2.2090

■ 174.6640,
-69.0950, 2.2090

■ 160.4330,
-81.5660, 2.4500

■ 188.5960,
-57.2200, 1.7560

■ 146.5010,
-93.4410, 2.9030

■ 202.8270,
-44.7490, 1.5150

■ 132.2700,
-105.9120, 3.1440

■ 216.7590,
-32.8740, 1.0620

■ 118.3380,
-117.7870, 3.5970

■ 230.9900,
-20.4030, 0.8210

■ 113.5980,
-121.4550, 3.9930

■ 244.9220, -8.5280,
0.3680

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



159.1830, -102.1940, -20.1940



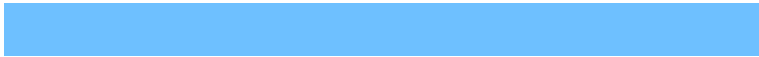
174.6640, -69.0950, 2.2090



185.3320, -29.3930, 20.5830

Triad

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



174.6640, -69.0950, 2.2090



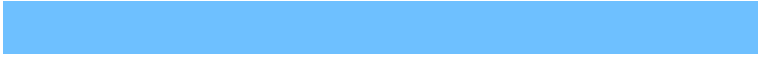
186.9860, 56.4820, 22.6420



174.7860, -12.2820, -30.7300

Complementary

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



174.6640, -69.0950, 2.2090



190.3360, 69.0950, -2.2090

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.



179.9550, 21.0950, -24.3850



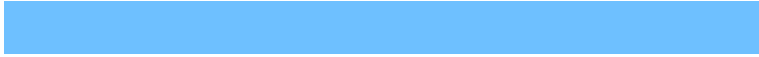
174.6640, -69.0950, 2.2090



185.6310, 58.3190, 5.8630

Square

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



174.6640, -69.0950, 2.2090



189.2850, 39.8830, 31.6190



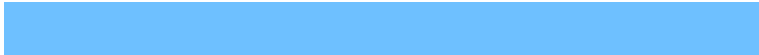
183.2620, 45.5760, -11.0000



167.8430, -51.9870, -32.5230

Rectangle

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



174.6640, -69.0950, 2.2090



188.5480, -3.3980, 28.5540



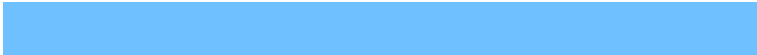
183.2620, 45.5760, -11.0000



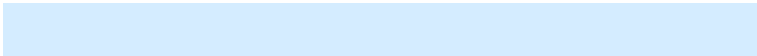
176.7720, -0.4990, -29.5150

Sweetspot

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



174.6640, -69.0950, 2.2090



230.9900, -20.4030, 0.8210



202.2970, -60.0980, -56.2420



113.1820, -12.1960, 0.7640



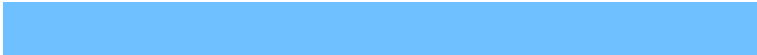
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



174.6640, -69.0950, 2.2090



159.2480, -82.4830, 2.5490



132.4000, -49.2950, 39.8650



120.5910, -6.0980, 0.3820



85.1700, -91.0110, 2.9170



28.4280, -30.4440, 1.0760

Inverse Universe

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



162.7030, 60.0980, 56.2420



144.8990, 71.6500, 67.1540



232.6000, 49.2950, -39.8650



119.6850, 5.5010, 4.9330



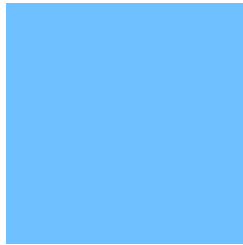
69.4210, 79.1680, 74.0800



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 174.6640, -69.0950, 2.2090 looks on a white background.

Color Contrast Check

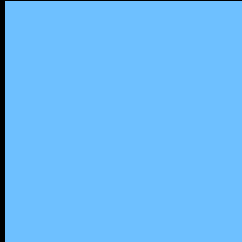
Large Text (above 18pt) WCAG AA × Fail

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 174.6640, -69.0950, 2.2090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

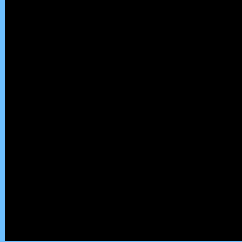
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

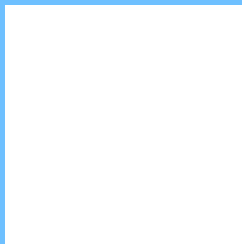
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.6640, -69.0950, 2.2090

Background



This preview shows how black text looks on a background with the YIQ color 174.6640, -69.0950, 2.2090.



This preview shows how white text looks on a background with the YIQ color 174.6640, -69.0950,

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

174.6640, -69.0950, 2.2090

Protanopia

183.7400, -30.7220, 17.1340

Deuteranopia

183.4450, -37.1410, 17.8270



Tritanopia

169.4290, -67.7160, -17.2840

Trichromacy



Original Color

174.6640, -69.0950, 2.2090

Protanomaly

180.4500, -44.7050, 11.7350

Deuteranomaly

180.4110, -48.9690, 11.9190

Tritanomaly

171.1720, -68.1300, -9.7780

Monochromacy



Original Color

174.6640, -69.0950, 2.2090

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.6520, -25.2630, 0.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.6640, -69.0950, 2.2090 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(110, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 192, 255)  
}
```

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(110, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 192, 255) }
```

Border

The CSS property to change the border of an element to YIQ 174.6640, -69.0950, 2.2090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

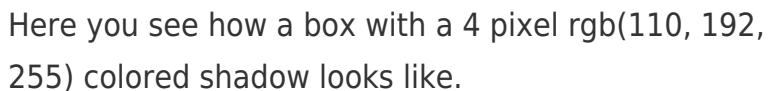
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 192, 255) }
```


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

```
.border{ border-color:rgb(110, 192, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 192, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 192, 255); box-shadow:4px 4px 4px 4px rgb(110, 192, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 174.6640, -69.0950, 2.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 192, 255) }
```

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

```
.background{ background-color: rgb(110,  
192, 255) }
```

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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