

Converting Colors

YIQ(174.6540, -72.3030,
-5.7350)

Have a look what the booklet for
YIQ(174.6540, -72.3030, -5.7350)
contains.

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Color

**YIQ(174.6540, -72.3030,
-5.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	66C6F5
RGB	102, 198, 245
RGB Percent	40%, 78%, 96%
CMY	0.6002, 0.2234, 0.0395
CMYK	0.58, 0.19, 0.00, 0.04
HSL	200°, 88%, 68%
HSV	200°, 58%, 96%
XYZ	42.1459, 49.8160, 93.7143
YIQ	174.6540, -72.3030, -5.7350

Conversions

Conversions Part 2

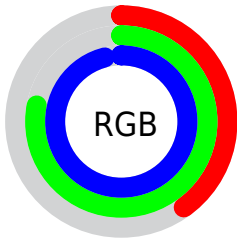
Format	Color
RYB	102, 159, 245
Decimal	6735605
CIELab	75.96, -15.08, -31.70
CIElCh	76, 35.105, 244.552
Yxy	49.8160, 0.2270, 0.2683
Android (android.graphics.Color)	4284925685 (0xFF66C6F5)
YUV	174.6540, 34.6806, -63.7176
Hunter-Lab	70.5805, -16.9276, -29.3169

Details

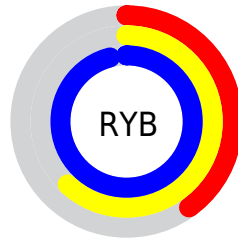
The YIQ color **174.6540, -72.3030, -5.7350** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **172.3460, 72.3030, 5.7350**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.4920, -54.8320, -19.5040**, and **113.5490, -85.3690, -11.2330** is the 20% darker color. If you saturate the color by 10%, you get **162.4830, -85.0030, -6.8510**, and if you desaturate by 10%, it is **186.5260, -60.1990, -4.8310**.

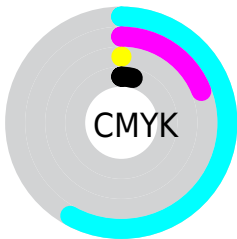
Distribution



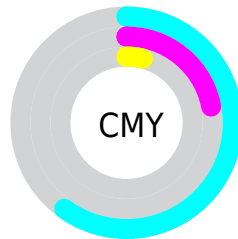
- Red (40%)
- Green (78%)
- Blue (96%)



- Red (40%)
- Yellow (62%)
- Blue (96%)



- Cyan (58%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (60%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.6540, -72.3030, -5.7350 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 174.6540, -72.3030, -5.7350 by changing the saturation by 10% instead.

■ 174.6540,
-72.3030, -5.7350

■ 174.6540,
-72.3030, -5.7350

■ 255.0000, -0.0000,
-0.0000

■ 145.6320,
-75.2370, -7.6290

■ 227.4920,
-54.8320, -19.5040

■ 113.4350,
-85.0480, -11.5440

■ 236.4620,
-36.9520, -13.1440

■ 88.2070, -84.4060,
-12.1660

■ 245.4320,
-19.0720, -6.7840

■ 70.5680, -69.1850,
-7.1770

■ 254.4020, -1.1920,
-0.4240

■ 53.5160, -54.2390,
-2.7110

■ 37.8660, -40.4850,
1.3310

■ 23.3900, -27.2810,

4.3270

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 174.6540,
-72.3030, -5.7350

■ 174.6540,
-72.3030, -5.7350

■ 162.4830,
-85.0030, -6.8510

■ 186.5260,
-60.1990, -4.8310

■ 150.6110,
-97.1070, -7.7550

■ 198.6970,
-47.4990, -3.7150

■ 138.4400,
-109.8070, -8.8710

■ 210.5690,
-35.3950, -2.8110

■ 126.5680,
-121.9110, -9.7750

■ 222.7400,
-22.6950, -1.6950

■ 124.7850,
-124.0200, -10.1000

■ 234.6120,
-10.5910, -0.7910

■ 246.7830, 2.1090,
0.3250

■ 253.2730, 3.4850,
-2.5870

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



167.5950, -82.9830, -21.4390



174.6540, -72.3030, -5.7350



184.7060, -42.5500, 11.2260

Triad

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



174.6540, -72.3030, -5.7350



191.2930, 45.4320, 24.6640



181.0440, 4.7270, -25.1050

Complementary

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



174.6540, -72.3030, -5.7350



172.3460, 72.3030, 5.7350

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.



184.9720, 31.5930, -16.3990



174.6540, -72.3030, -5.7350



189.2210, 53.9620, 13.2420

Square

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



174.6540, -72.3030, -5.7350



192.3200, 23.6070, 29.2310



187.7990, 48.7380, -2.2220



175.7550, -28.1920, -28.7360

Rectangle

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



174.6540, -72.3030, -5.7350



189.0080, -19.6730, 20.6390



187.7990, 48.7380, -2.2220



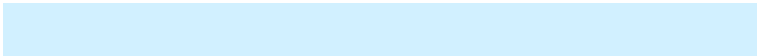
182.1870, 14.6300, -22.8580

Sweetspot

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



174.6540, -72.3030, -5.7350



232.4410, -23.2910, -1.9070



191.0710, -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.



174.6540, -72.3030, -5.7350



167.1450, -89.8630, -6.8790



133.5640, -53.0530, 30.8750



116.0640, -6.0520, -0.4520



94.5790, -94.0810, -7.5290



29.6190, -29.6640, -2.0480

Inverse Universe

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



155.7010, 54.4120, 60.1720



143.7880, 67.8890, 74.7450



213.4360, 53.0530, -30.8750



114.5000, 4.5840, 5.0320



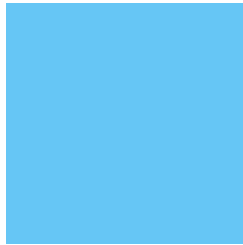
69.8640, 70.7310, 78.3070



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 174.6540, -72.3030, -5.7350 looks on a white background.

Color Contrast Check

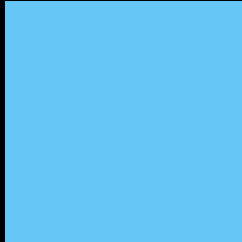
Large Text (above 18pt) WCAG AA × Fail

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 174.6540, -72.3030, -5.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

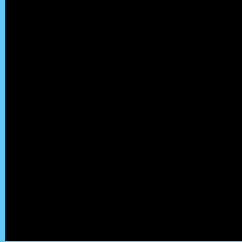
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

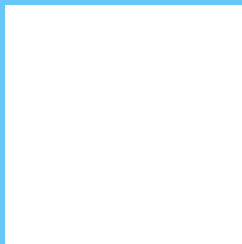
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.6540, -72.3030, -5.7350

Background



This preview shows how black text looks on a background with the YIQ color 174.6540, -72.3030, -5.7350.



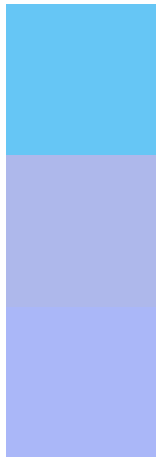
This preview shows how white text looks on a background with the YIQ color 174.6540, -72.3030, -5.7350.

-5.7350.

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

174.6540, -72.3030, -5.7350

Protanopia

186.8240, -22.3310, 13.7410

Deuteranopia

186.5230, -28.6130, 17.4590



Tritanopia

171.3360, -71.8880, -18.7680

Trichromacy



Original Color

174.6540, -72.3030, -5.7350

Protanomaly

182.4410, -40.4860, 6.8580

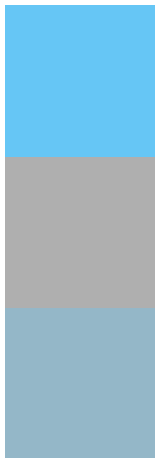
Deuteranomaly

181.8690, -44.5670, 9.2330

Tritanomaly

172.3840, -71.8430, -14.0750

Monochromacy



Original Color

174.6540, -72.3030, -5.7350

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.4730, -26.3170, -2.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.6540, -72.3030, -5.7350 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(102, 198, 245)` looks like.

```
.text, #text, p{  
    color:rgb(102, 198, 245)  
}
```

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(102, 198, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 198, 245) }
```

Border

The CSS property to change the border of an element to YIQ 174.6540, -72.3030, -5.7350 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(102, 198, 245) }
```


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

```
.border{ border-color:rgb(102, 198, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 198, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(102, 198,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 174.6540, -72.3030, -5.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 198, 245) }
```

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

```
.background{ background-color: rgb(102,  
198, 245) }
```

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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