

Converting Colors

YIQ(174.5230, -127.1790,
-35.4590)

Have a look what the booklet for
YIQ(174.5230, -127.1790, -35.4590)
contains.

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Color

**YIQ(174.5230, -127.1790,
-35.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	1FE8FF
RGB	31, 232, 255
RGB Percent	12%, 91%, 100%
CMY	0.8788, 0.0899, 0.0005
CMYK	0.88, 0.09, 0.00, 0.00
HSL	186°, 100%, 56%
HSV	186°, 88%, 100%
XYZ	47.4705, 65.2617, 104.5901
YIQ	174.5230, -127.1790, -35.4590

Conversions

Conversions Part 2

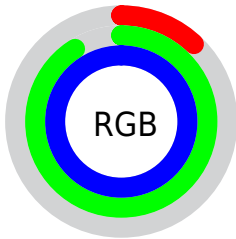
Format	Color
R _Y B	31, 137, 255
Decimal	2091263
CIE Lab	84.62, -37.00, -23.86
CIE LCh	85, 44.022, 212.814
Yxy	65.2617, 0.2184, 0.3003
Android (android.graphics.Color)	4280281343 (0xFF1FE8FF)
YUV	174.5230, 39.6752, -125.8697
Hunter-Lab	80.7847, -36.4836, -20.2121

Details

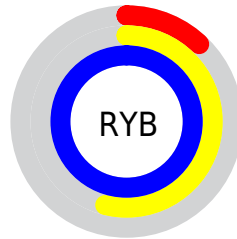
The YIQ color **174.5230, -127.1790, -35.4590** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **111.4770, 127.1790, 35.4590**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.8310, -78.0760, -27.7720**, and **125.8840, -111.9580, -30.4700** is the 20% darker color. If you saturate the color by 10%, you get **164.9880, -141.8500, -39.4020**, and if you desaturate by 10%, it is **183.7590, -113.1040, -31.7280**.

Distribution



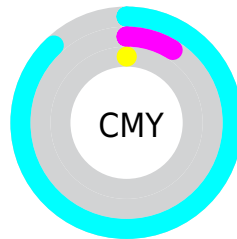
- Red (12%)
- Green (91%)
- Blue (100%)



- Red (12%)
- Yellow (54%)
- Blue (100%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5230, -127.1790, -35.4590 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 174.5230, -127.1790, -35.4590 by changing the saturation by 10% instead.

174.5230,
-127.1790, -35.4590

174.5230,
-127.1790, -35.4590

255.0000, -0.0000,
-0.0000

145.5120,
-128.6460, -36.4060

215.8310,
-78.0760, -27.7720

125.8840,
-111.9580, -30.4700

225.9970,
-57.8120, -20.5640

106.9570,
-95.8660, -24.7460

235.8640,
-38.1440, -13.5680

88.6170, -80.0490,
-19.5450

245.7310,
-18.4760, -6.5720

70.5050, -64.8740,
-13.7220

53.5670, -50.2490,
-8.9450

36.7430, -35.9450,

-3.8570

■ 21.3210, -22.8330,
0.8070

■ 3.6650, -8.9420,
7.8740

■ 174.5230,
-127.1790, -35.4590

■ 174.5230,
-127.1790, -35.4590

■ 164.9880,
-141.8500, -39.4020

■ 183.7590,
-113.1040, -31.7280

■ 163.4930,
-144.8300, -40.4620

■ 192.7070,
-98.1580, -27.2620

■ 201.9430,
-84.0830, -23.5310

■ 210.8910,
-69.1370, -19.0650

■ 220.1270,
-55.0620, -15.3340

■ 229.6620,
-40.3910, -11.3910

■ 238.3110,
-26.0410, -7.1370

■ 247.8460,
-11.3700, -3.1940

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.



186.2830, -82.7050, -37.4970



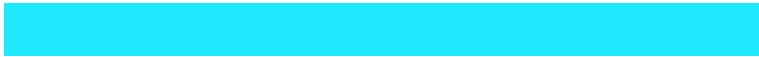
174.5230, -127.1790, -35.4590



186.8480, -93.9410, -21.0850

Triad

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



174.5230, -127.1790, -35.4590



213.3400, 20.8550, 35.0550



208.0130, 41.5430, -20.5130

Complementary

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



174.5230, -127.1790, -35.4590



111.4770, 127.1790, 35.4590

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.



207.0290, 53.7820, -5.5300



174.5230, -127.1790, -35.4590



205.1440, 35.6660, 25.4420

Square

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



174.5230, -127.1790, -35.4590



211.9620, -4.8640, 22.0800



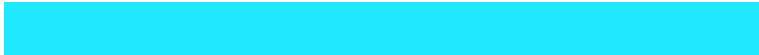
202.8180, 47.7270, 10.5990



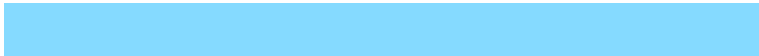
203.3830, 7.8460, -32.0740

Rectangle

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



174.5230, -127.1790, -35.4590



196.8030, -62.5370, -6.5130



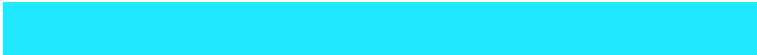
202.8180, 47.7270, 10.5990



209.0790, 50.3450, -14.8310

Sweetspot

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



174.5230, -127.1790, -35.4590



231.1570, -37.4110, -10.3310



164.9960, -68.6620, -110.3100



113.1050, -22.4650, -5.8650



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.



174.5230, -127.1790, -35.4590



163.4930, -144.8300, -40.4620



108.7790, -96.3790, 23.1170



122.9390, -7.1980, -1.7100



122.7380, -108.6110, -30.5550



40.7550, -36.2190, -9.9070

Inverse Universe

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



120.8900, 68.9830, 109.9990



102.3510, 78.4710, 125.2790



176.6340, 96.6540, -22.5940



120.1410, 4.2170, 6.1770



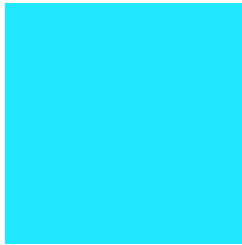
76.7170, 58.6240, 93.9840



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 174.5230, -127.1790, -35.4590 looks on a white background.

Color Contrast Check

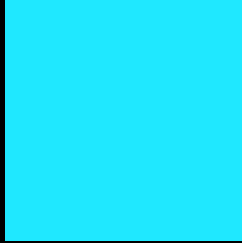
Large Text (above 18pt) WCAG AA × Fail

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 174.5230, -127.1790, -35.4590 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 174.5230, -127.1790, -35.4590 Background



This preview shows how black text looks on a background with the YIQ color 174.5230, -127.1790, -35.4590.



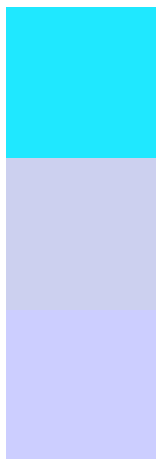
This preview shows how white text looks on a background with the YIQ color 174.5230, -127.1790, -35.4590.

-35.4590.

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

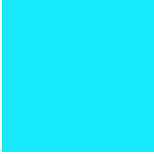
174.5230, -127.1790, -35.4590

Protanopia

210.3380, -12.3350, 8.7930

Deuteranopia

210.9880, -16.9210, 14.8150



Tritanopia

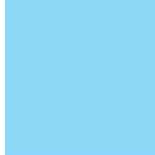
172.6750, -130.6630, -38.3990

Trichromacy



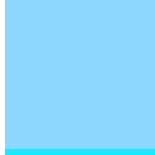
Original Color

174.5230, -127.1790, -35.4590



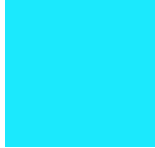
Protanomaly

197.4680, -54.2840, -7.4040



Deuteranomaly

197.4340, -56.9440, -3.2480



Tritanomaly

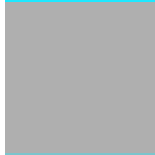
173.6860, -129.1960, -37.4520

Monochromacy



Original Color

174.5230, -127.1790, -35.4590



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.0850, -46.0760, -12.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5230, -127.1790, -35.4590 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(31, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(31, 232, 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(31, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 232, 255) }
```

Border

The CSS property to change the border of an element to YIQ 174.5230, -127.1790, -35.4590 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(31, 232, 255) }
```


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

```
.border{ border-color:rgb(31, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(31, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(31, 232,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5230, -127.1790, -35.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 232, 255) }
```

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

```
.background{ background-color: rgb(31, 232,  
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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