

Converting Colors

YIQ(179.4260, -134.6960,
-47.9120)

Have a look what the booklet for
YIQ(179.4260, -134.6960, -47.9120)
contains.

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Color

**YIQ(179.4260, -134.6960,
-47.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	15F7F7
RGB	21, 247, 247
RGB Percent	8%, 97%, 97%
CMY	0.9180, 0.0310, 0.0319
CMYK	0.92, 0.00, 0.00, 0.03
HSL	180°, 93%, 53%
HSV	180°, 92%, 97%
XYZ	50.3637, 73.4446, 99.4072
YIQ	179.4260, -134.6960, -47.9120

Conversions

Conversions Part 2

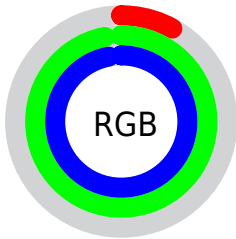
Format	Color
R _Y B	21, 134, 247
Decimal	1439735
CIE Lab	88.66, -46.51, -13.57
CIE LCh	89, 48.454, 196.269
Yxy	73.4446, 0.2256, 0.3290
Android (android.graphics.Color)	4279629815 (0xFF15F7F7)
YUV	179.4260, 33.3140, -138.9396
Hunter-Lab	85.6998, -45.0746, -8.7834

Details

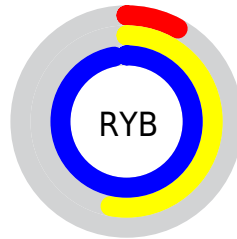
The YIQ color **179.4260, -134.6960, -47.9120** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **88.5740, 134.6960, 47.9120**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.2330, -79.2680, -28.1960**, and **133.3040, -113.5610, -39.9690** is the 20% darker color. If you saturate the color by 10%, you get **173.1470, -147.2120, -52.3640**, and if you desaturate by 10%, it is **186.9010, -119.7960, -42.6120**.

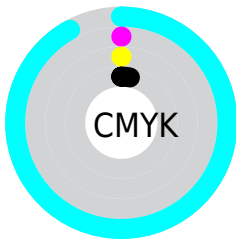
Distribution



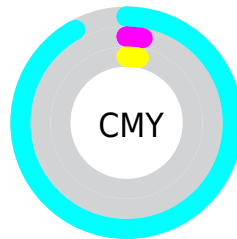
- Red (8%)
- Green (97%)
- Blue (97%)



- Red (8%)
- Yellow (53%)
- Blue (97%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (92%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4260, -134.6960, -47.9120 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 179.4260, -134.6960, -47.9120 by changing the saturation by 10% instead.

179.4260,
-134.6960, -47.9120

179.4260,
-134.6960, -47.9120

255.0000, -0.0000,
-0.0000

152.8180,
-129.9280, -46.2160

215.2330,
-79.2680, -28.1960

133.3040,
-113.5610, -39.9690

225.6980,
-58.4080, -20.7760

113.7900,
-97.1940, -33.7220

235.8640,
-38.1440, -13.5680

94.8630, -81.1020,
-27.9980

245.4320,
-19.0720, -6.7840

76.7510, -65.9270,
-22.1750

59.3400, -51.3480,
-16.5640

41.9290, -36.7690,

-10.9530

■ 27.0940, -23.9320,
-6.8120

■ 3.2090, -7.6580,
6.6300

■ 179.4260,
-134.6960, -47.9120

■ 179.4260,
-134.6960, -47.9120

■ 173.1470,
-147.2120, -52.3640

■ 186.9010,
-119.7960, -42.6120

■ 194.0770,
-105.4920, -37.5240

■ 201.5520,
-90.5920, -32.2240

■ 209.0270,
-75.6920, -26.9240

■ 216.2030,
-61.3880, -21.8360

■ 223.6780,
-46.4880, -16.5360

■ 231.1530,
-31.5880, -11.2360

■ 238.6280,
-16.6880, -5.9360

■ 245.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



201.1740, -63.5850, -42.6010



179.4260, -134.6960, -47.9120



171.7110, -148.6800, -47.7840

Triad

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



179.4260, -134.6960, -47.9120



223.3020, 14.8500, 28.2420



215.8510, 50.9870, -15.4530

Complementary

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



179.4260, -134.6960, -47.9120



88.5740, 134.6960, 47.9120

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.



209.8960, 47.0870, 0.1670



179.4260, -134.6960, -47.9120



215.2320, 21.0390, 31.7190

Square

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



179.4260, -134.6960, -47.9120



215.6400, -24.9890, 6.8430



208.7000, 36.6760, 18.1480



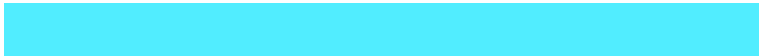
217.0560, 30.8160, -29.8560

Rectangle

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



179.4260, -134.6960, -47.9120



192.4080, -98.7540, -27.4740



208.7000, 36.6760, 18.1480



213.6000, 50.4360, -10.9720

Sweetspot

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



179.4260, -134.6960, -47.9120



234.3690, -41.1240, -14.6280



154.8580, -59.7660, -117.3500



115.6270, -24.1150, -9.0030



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.



179.4260, -134.6960, -47.9120



178.7550, -151.9800, -54.0600



115.4430, -104.7210, 9.0950



118.4120, -7.1520, -2.5440



130.3860, -110.8560, -39.4320



41.3590, -35.1640, -12.5080

Inverse Universe

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



88.5740, 134.6960, 47.9120



76.2450, 151.9800, 54.0600



152.5570, 104.7210, -9.0950



113.5880, 7.1520, 2.5440



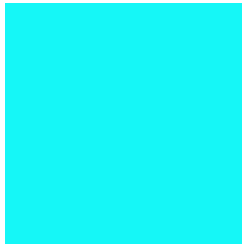
55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 179.4260, -134.6960, -47.9120 looks on a white background.

Color Contrast Check

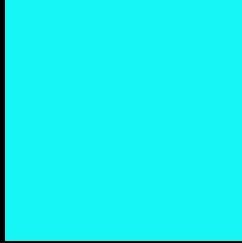
Large Text (above 18pt) WCAG AA × Fail

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 179.4260, -134.6960, -47.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

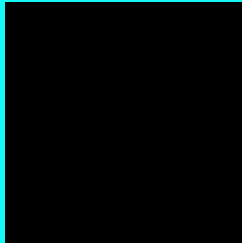
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

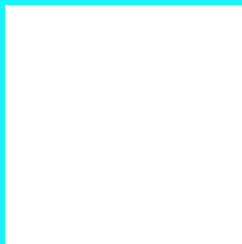
Any Text WCAG AAA ✓ Pass

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

YIQ 179.4260, -134.6960, -47.9120 Background



This preview shows how black text looks on a background with the YIQ color 179.4260, -134.6960, -47.9120.



This preview shows how white text looks on a background with the YIQ color 179.4260, -134.6960, -47.9120.

-47.9120.

Color Blindness Simulation

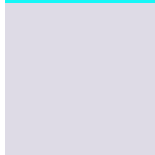
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

179.4260, -134.6960, -47.9120



Protanopia

221.1510, -1.7430, 4.0570



Deuteranopia

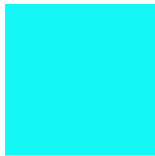
222.7350, -5.9630, 14.4610



Tritanopia

204.9440, -76.6560, -20.4640

Trichromacy



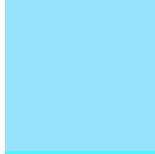
Original Color

179.4260, -134.6960, -47.9120



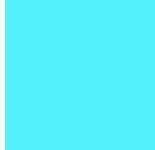
Protanomaly

205.8780, -49.9270, -14.7830



Deuteranomaly

207.0120, -53.0000, -8.6480



Tritanomaly

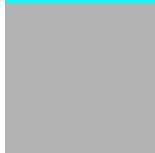
195.5990, -97.9740, -30.5980

Monochromacy



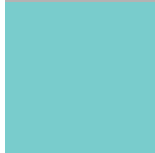
Original Color

179.4260, -134.6960, -47.9120



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

179.1830, -49.4680, -17.5960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4260, -134.6960, -47.9120 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(21, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(21, 247, 247)  
}
```

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(21, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 247, 247) }
```

Border

The CSS property to change the border of an element to YIQ 179.4260, -134.6960, -47.9120 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(21, 247, 247) }
```


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

```
.border{ border-color:rgb(21, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(21, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(21, 247,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4260, -134.6960, -47.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 247, 247) }
```

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

```
.background{ background-color: rgb(21, 247,  
247) }
```

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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