

Converting Colors

YIQ(174.5980, -140.9320,
-45.0280)

Have a look what the booklet for
YIQ(174.5980, -140.9320, -45.0280)
contains.

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Color

**YIQ(174.5980, -140.9320,
-45.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	0CF2FE
RGB	12, 242, 254
RGB Percent	5%, 95%, 100%
CMY	0.9532, 0.0506, 0.0045
CMYK	0.95, 0.05, 0.00, 0.00
HSL	183°, 99%, 52%
HSV	183°, 95%, 100%
XYZ	49.7968, 70.7855, 104.6826
YIQ	174.5980, -140.9320, -45.0280

Conversions

Conversions Part 2

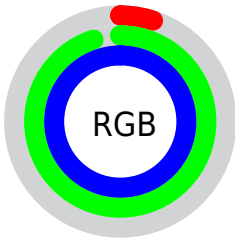
Format	Color
R _Y B	12, 130, 254
Decimal	848638
CIE Lab	87.38, -42.53, -19.15
CIE LCh	87, 46.640, 204.244
Yxy	70.7855, 0.2211, 0.3142
Android (android.graphics.Color)	4279038718 (0xFF0CF2FE)
YUV	174.5980, 39.1452, -142.5984
Hunter-Lab	84.1341, -41.5852, -14.8768

Details

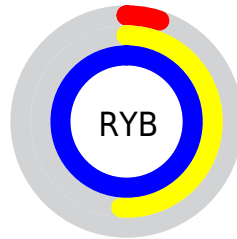
The YIQ color **174.5980, -140.9320, -45.0280** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **91.4020, 140.9320, 45.0280**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9340, -79.8640, -28.4080**, and **131.0530, -114.1120, -35.4880** is the 20% darker color. If you saturate the color by 10%, you get **171.0100, -148.0840, -47.5720**, and if you desaturate by 10%, it is **182.6600, -126.3070, -40.2510**.

Distribution



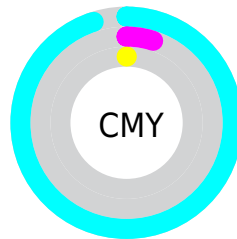
- Red (5%)
- Green (95%)
- Blue (100%)



- Red (5%)
- Yellow (51%)
- Blue (100%)



- Cyan (95%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.5980, -140.9320, -45.0280 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 174.5980, -140.9320, -45.0280 by changing the saturation by 10% instead.

174.5980,
-140.9320, -45.0280

174.5980,
-140.9320, -45.0280

255.0000, -0.0000,
-0.0000

150.6810,
-130.8000, -41.4240

214.9340,
-79.8640, -28.4080

131.0530,
-114.1120, -35.4880

225.3990,
-59.0040, -20.9880

112.1260,
-98.0200, -29.7640

235.2660,
-39.3360, -13.9920

93.1990, -81.9280,
-24.0400

245.1330,
-19.6680, -6.9960

75.0870, -66.7530,
-18.2170

57.5620, -51.8530,
-12.9170

40.8520, -37.8700,

-7.5180

■ 25.9030, -24.7120,
-3.6880

■ 3.6650, -8.9420,
7.8740

■ 174.5980,
-140.9320, -45.0280

■ 174.5980,
-140.9320, -45.0280

■ 171.0100,
-148.0840, -47.5720

■ 182.6600,
-126.3070, -40.2510

■ 191.6080,
-111.3610, -35.7850

■ 199.6700,
-96.7360, -31.0080

■ 207.7320,
-82.1110, -26.2310

■ 216.0930,
-66.8900, -21.2420

■ 224.7420,
-52.5400, -16.9880

■ 233.1030,
-37.3190, -11.9990

■ 241.1650,
-22.6940, -7.2220

■ 249.2270, -8.0690,
-2.4450

Harmonies

Analogous

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



195.4810, -74.6350, -40.5790



174.5980, -140.9320, -45.0280



183.1390, -117.2300, -34.0460

Triad

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



174.5980, -140.9320, -45.0280



219.7800, 16.5000, 31.3800



216.0960, 51.6750, -16.9090

Complementary

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



174.5980, -140.9320, -45.0280



91.4020, 140.9320, 45.0280

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.



209.4570, 49.7010, -3.1550



174.5980, -140.9320, -45.0280



210.9460, 27.5960, 28.5240

Square

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



174.5980, -140.9320, -45.0280



216.3150, -13.5280, 13.8960



206.5170, 41.4450, 14.3170



211.8420, 19.6750, -31.6930

Rectangle

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



174.5980, -140.9320, -45.0280



197.2690, -78.9490, -17.4530



206.5170, 41.4450, 14.3170



213.6170, 51.7660, -13.0500

Sweetspot

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



174.5980, -140.9320, -45.0280



230.5260, -43.0040, -13.5960



154.9660, -69.1180, -124.0780



112.7840, -25.9950, -7.9710



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.



174.5980, -140.9320, -45.0280



171.7110, -148.6800, -47.7840



105.9190, -108.7570, 16.1630



123.5260, -7.4730, -2.2330



128.6080, -111.3610, -35.7850



43.1030, -37.3190, -11.9990

Inverse Universe

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



110.5780, 70.4020, 122.8340



103.9470, 73.9770, 129.6330



160.0810, 108.7570, -16.1630



120.2550, 3.8960, 6.4880



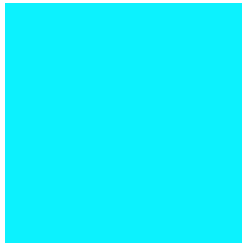
77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 174.5980, -140.9320, -45.0280 looks on a white background.

Color Contrast Check

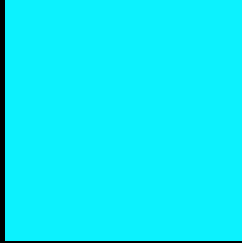
Large Text (above 18pt) WCAG AA × Fail

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 174.5980, -140.9320, -45.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

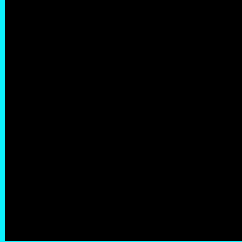
Any Text WCAG AA ✓ Pass

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 174.5980, -140.9320, -45.0280 Background



This preview shows how black text looks on a background with the YIQ color 174.5980, -140.9320, -45.0280.



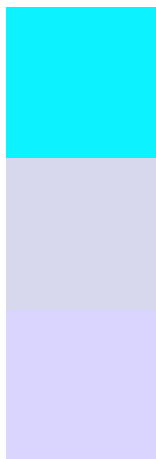
This preview shows how white text looks on a background with the YIQ color 174.5980, -140.9320, -45.0280.

-45.0280.

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

174.5980, -140.9320, -45.0280

Protanopia

218.0950, -7.3370, 6.3190

Deuteranopia

218.9840, -11.0980, 13.9100



Tritanopia

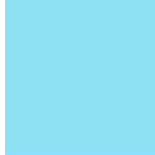
196.5830, -91.8770, -25.4530

Trichromacy



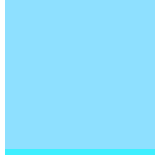
Original Color

174.5980, -140.9320, -45.0280



Protanomaly

201.9360, -55.8420, -12.2100



Deuteranomaly

203.0160, -58.8230, -7.7430



Tritanomaly

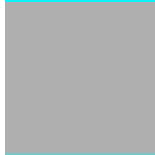
188.2000, -110.0320, -32.3360

Monochromacy



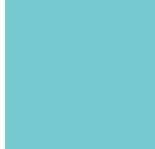
Original Color

174.5980, -140.9320, -45.0280



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.7530, -51.0730, -16.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.5980, -140.9320, -45.0280 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(12, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(12, 242, 254)  
}
```

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(12, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 242, 254) }
```

Border

The CSS property to change the border of an element to YIQ 174.5980, -140.9320, -45.0280 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(12, 242, 254) }
```


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

```
.border{ border-color:rgb(12, 242, 254) }
```

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

Here you see how a box with a 4 pixel rgb(12, 242, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(12, 242,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 174.5980, -140.9320, -45.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 242, 254) }
```

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

```
.background{ background-color: rgb(12, 242,  
254) }
```

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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