

Converting Colors

YIQ(145.3270, -111.2270,
-16.1790)

Have a look what the booklet for
YIQ(145.3270, -111.2270, -16.1790)
contains.

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Color

**YIQ(145.3270, -111.2270,
-16.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	1DBAF1
RGB	29, 186, 241
RGB Percent	11%, 73%, 95%
CMY	0.8865, 0.2703, 0.0554
CMYK	0.88, 0.23, 0.00, 0.06
HSL	196°, 88%, 53%
HSV	196°, 88%, 94%
XYZ	33.9358, 41.7491, 89.3922
YIQ	145.3270, -111.2270, -16.1790

Conversions

Conversions Part 2

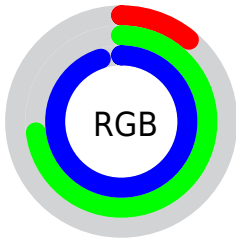
Format	Color
R _Y B	29, 119, 241
Decimal	1948401
CIE Lab	70.70, -18.98, -37.79
CIE LCh	71, 42.295, 243.330
Yxy	41.7491, 0.2056, 0.2529
Android (android.graphics.Color)	4280138481 (0xFF1DBAF1)
YUV	145.3270, 47.1668, -102.0188
Hunter-Lab	64.6136, -19.3234, -36.7976

Details

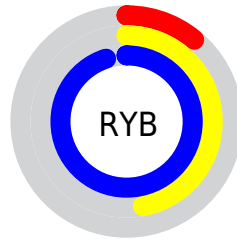
The YIQ color **145.3270, -111.2270, -16.1790** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **124.6730, 111.2270, 16.1790**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.8080, -79.2690, -22.6690**, and **99.1610, -95.9600, -12.0240** is the 20% darker color. If you saturate the color by 10%, you get **134.6290, -123.8810, -18.1290**, and if you desaturate by 10%, it is **156.0250, -98.5730, -14.2290**.

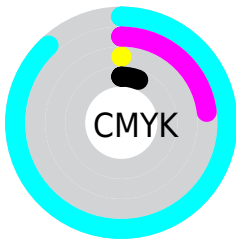
Distribution



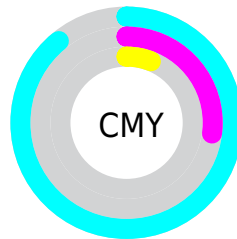
- Red (11%)
- Green (73%)
- Blue (95%)



- Red (11%)
- Yellow (47%)
- Blue (95%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.3270, -111.2270, -16.1790 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 145.3270, -111.2270, -16.1790 by changing the saturation by 10% instead.

■ 145.3270,
-111.2270, -16.1790

■ 145.3270,
-111.2270, -16.1790

■ 255.0000, -0.0000,
-0.0000

■ 117.5010,
-111.7770, -17.2250

■ 205.8080,
-79.2690, -22.6690

■ 99.1610, -95.9600,
-12.0240

■ 223.3060,
-63.1760, -22.4720

■ 81.2940, -80.0970,
-7.6570

■ 232.8740,
-44.1040, -15.6880

■ 63.6550, -64.8760,
-2.6680

■ 242.4420,
-25.0320, -8.9040

■ 47.3040, -50.5260,
1.5860

■ 251.7110, -6.5560,
-2.3320

■ 31.5400, -36.4510,
5.3170

■ 12.4820, -21.3680,

12.8080

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 145.3270,
-111.2270, -16.1790

■ 145.3270,
-111.2270, -16.1790

■ 134.6290,
-123.8810, -18.1290

■ 156.0250,
-98.5730, -14.2290

■ 132.5470,
-126.5860, -18.6660

■ 167.3100,
-86.1940, -12.8020

■ 178.0080,
-73.5400, -10.8520

■ 188.7060,
-60.8860, -8.9020

■ 199.4040,
-48.2320, -6.9520

■ 210.1020,
-35.5780, -5.0020

■ 221.6860,
-22.6030, -3.3630

■ 232.3840, -9.9490,
-1.4130

■ 243.0820, 2.7050,
0.5370

Harmonies

Analogous

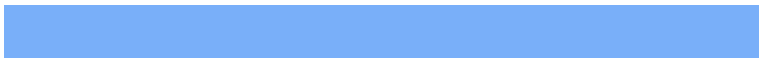
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137.1000, -121.4940, -33.8620



145.3270, -111.2270, -16.1790



167.2900, -55.9380, 11.5660

Triad

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



145.3270, -111.2270, -16.1790



175.9890, 52.4000, 30.5440



165.3660, 6.5160, -29.9960

Complementary

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



145.3270, -111.2270, -16.1790



124.6730, 111.2270, 16.1790

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.



169.5010, 37.2330, -19.4950



145.3270, -111.2270, -16.1790



174.4070, 62.3060, 16.2100

Square

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



145.3270, -111.2270, -16.1790



177.8630, 26.6320, 34.9840



172.5780, 56.6700, -2.8020



158.5430, -33.6470, -34.5030

Rectangle

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



145.3270, -111.2270, -16.1790



174.2940, -26.2300, 23.8340



172.5780, 56.6700, -2.8020



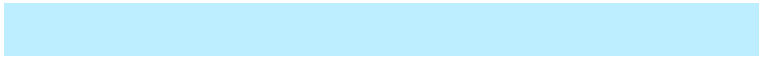
167.1070, 17.6110, -27.3250

Sweetspot

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



145.3270, -111.2270, -16.1790



225.2870, -34.6610, -5.1010



159.4860, -75.3130, -94.3930



109.5830, -20.8150, -2.7270



0.0000, 0.0000, 0.0000



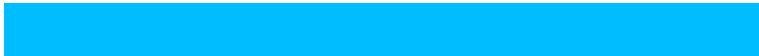
128.0000, -0.0000, -0.0000

Same Dimension

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



145.3270, -111.2270, -16.1790



140.0130, -133.8300, -19.5420



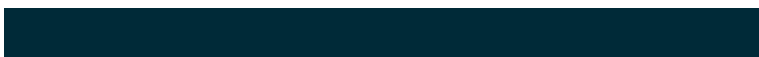
84.2790, -82.6270, 38.2130



114.6510, -6.3270, -0.9750



100.8080, -96.4640, -13.9040



31.0380, -29.5260, -4.5500

Inverse Universe

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



110.2860, 75.9550, 93.7710



97.7910, 91.3110, 112.8390



185.7210, 82.6270, -38.2130



112.6140, 4.2630, 5.3430



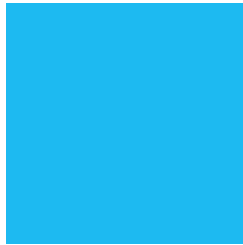
70.5200, 66.0080, 81.3040



21.5320, 19.8940, 24.9340

Previews

White Background



This preview shows how the YIQ color 145.3270, -111.2270, -16.1790 looks on a white background.

Color Contrast Check

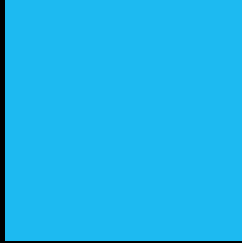
Large Text (above 18pt) WCAG AA × Fail

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 145.3270, -111.2270, -16.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

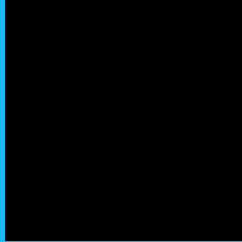
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

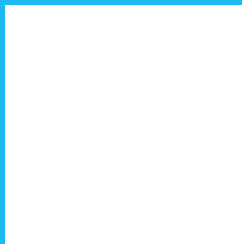
Any Text WCAG AAA ✓ Pass

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

YIQ 145.3270, -111.2270, -16.1790 Background



This preview shows how black text looks on a background with the YIQ color 145.3270, -111.2270, -16.1790.



This preview shows how white text looks on a background with the YIQ color 145.3270, -111.2270, -16.1790.

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

145.3270, -111.2270, -16.1790

Protanopia

171.5400, -27.2830, 15.3810

Deuteranopia

170.7760, -39.5710, 17.8130



Tritanopia

135.6010, -118.6510, -35.8270

Trichromacy



Original Color

145.3270, -111.2270, -16.1790

Protanomaly

161.8780, -57.9540, 4.0460

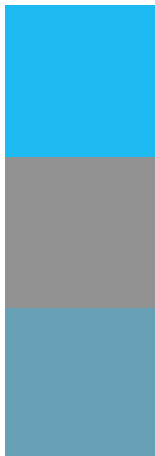
Deuteranomaly

161.6260, -65.9320, 5.4600

Tritanomaly

139.1980, -115.7180, -28.4060

Monochromacy



Original Color

145.3270, -111.2270, -16.1790

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.2370, -40.3920, -5.8640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.3270, -111.2270, -16.1790 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(29, 186, 241)` looks like.

```
.text, #text, p{  
    color:rgb(29, 186, 241)  
}
```

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(29, 186, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 186, 241) }
```

Border

The CSS property to change the border of an element to YIQ 145.3270, -111.2270, -16.1790 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(29, 186, 241) }
```


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

```
.border{ border-color:rgb(29, 186, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 186, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 186, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 186, 241);  
box-shadow:4px 4px 4px 4px rgb(29, 186,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 145.3270, -111.2270, -16.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 186, 241) }
```

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

```
.background{ background-color: rgb(29, 186,  
241) }
```

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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