

Converting Colors

YIQ(131.8290, -127.3200,
-16.3760)

Have a look what the booklet for
YIQ(131.8290, -127.3200, -16.3760)
contains.

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Color

**YIQ(131.8290, -127.3200,
-16.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1F5
RGB	0, 177, 245
RGB Percent	0%, 69%, 96%
CMY	0.9997, 0.3056, 0.0398
CMYK	1.00, 0.28, 0.00, 0.04
HSL	197°, 100%, 48%
HSV	197°, 100%, 96%
XYZ	32.1966, 38.0576, 91.9213
YIQ	131.8290, -127.3200, -16.3760

Conversions

Conversions Part 2

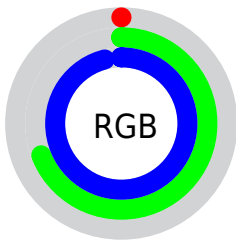
Format	Color
R _{YB}	0, 103, 245
Decimal	45557
CIE _{Lab}	68.06, -13.79, -44.09
CIE _{LCh}	68, 46.195, 252.625
Y _{xy}	38.0576, 0.1985, 0.2347
Android (android.graphics.Color)	4278235637 (0xFF00B1F5)
YUV	131.8290, 55.7933, -115.6140
Hunter-Lab	61.6909, -14.7995, -45.1603

Details

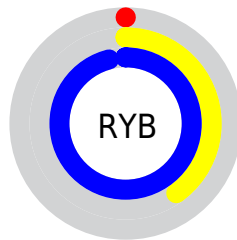
The YIQ color **131.8290, -127.3200, -16.3760** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **113.1710, 127.3200, 16.3760**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.7310, -80.3700, -19.2340**, and **94.8070, -94.7230, -6.9070** is the 20% darker color. If you saturate the color by 10%, you get **131.8290, -127.3200, -16.3760**, and if you desaturate by 10%, it is **143.4130, -114.3450, -14.7370**.

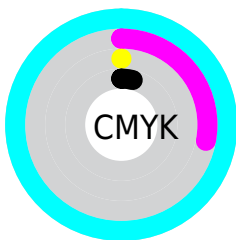
Distribution



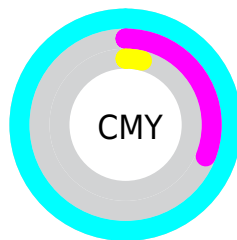
- Red (0%)
- Green (69%)
- Blue (96%)



- Red (0%)
- Yellow (40%)
- Blue (96%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8290, -127.3200, -16.3760 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 131.8290, -127.3200, -16.3760 by changing the saturation by 10% instead.

■ 131.8290,
-127.3200, -16.3760

■ 131.8290,
-127.3200, -16.3760

■ 255.0000, -0.0000,
-0.0000

■ 112.6740,
-110.5860, -11.2740

■ 198.7310,
-80.3700, -19.2340

■ 94.8070, -94.7230,
-6.9070

■ 221.8110,
-66.1560, -23.5320

■ 77.0540, -79.1810,
-2.2290

■ 231.6780,
-46.4880, -16.5360

■ 59.8880, -63.9140,
1.9260

■ 241.2460,
-27.4160, -9.7520

■ 44.1240, -49.8390,
5.6570

■ 250.5150, -8.9400,
-3.1800

■ 28.9470, -36.0390,
8.8650

■ 10.3620, -20.9100,

15.5220

■ 5.5060, -12.7480,
10.7720

■ 2.2970, -5.0900,
4.1420

■ 131.8290,
-127.3200, -16.3760

■ 143.4130,
-114.3450, -14.7370

■ 154.6980,
-101.9660, -13.3100

■ 165.6950,
-88.7160, -11.1480

■ 176.9800,
-76.3370, -9.7210

■ 188.2650,
-63.9580, -8.2940

■ 199.8490,
-50.9830, -6.6550

■ 211.1340,
-38.6040, -5.2280

■ 222.1310,
-25.3540, -3.0660

■ 233.4160,
-12.9750, -1.6390

Harmonies

Analogous

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



133.7890, -121.8160, -28.0240



131.8290, -127.3200, -16.3760



163.2960, -46.9070, 18.6050

Triad

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



131.8290, -127.3200, -16.3760



167.8390, 61.5700, 29.5540



155.5600, -5.9540, -35.2820

Complementary

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



131.8290, -127.3200, -16.3760



113.1710, 127.3200, 16.3760

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.



160.5770, 30.9070, -25.9970



131.8290, -127.3200, -16.3760



165.6970, 67.1210, 11.5450

Square

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



131.8290, -127.3200, -16.3760



170.2020, 38.9190, 38.0790



164.1770, 56.1210, -9.3750



145.1750, -56.1580, -39.5340

Rectangle

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



131.8290, -127.3200, -16.3760



169.3280, -14.4020, 29.7420



164.1770, 56.1210, -9.3750



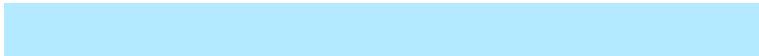
157.5570, 7.2960, -33.1200

Sweetspot

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



131.8290, -127.3200, -16.3760



219.9490, -39.5210, -5.1290



151.2250, -88.2400, -107.9200



106.6150, -23.8410, -2.9530



0.0000, 0.0000, 0.0000



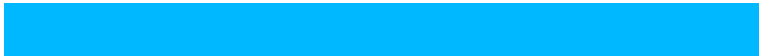
128.0000, -0.0000, -0.0000

Same Dimension

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



131.8290, -127.3200, -16.3760



137.0780, -132.4550, -16.9270



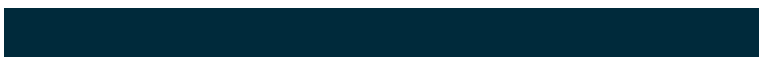
61.3890, -94.3200, 46.3840



116.6510, -6.3270, -0.9750



100.4490, -96.8310, -12.7590



31.3800, -30.4890, -3.6170

Inverse Universe

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



93.4330, 89.2030, 106.9870



97.2210, 92.9160, 111.2840



183.6110, 94.3200, -46.3840



114.6140, 4.2630, 5.3430



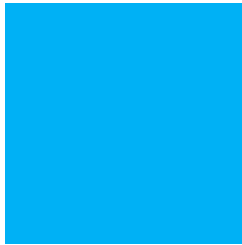
71.0040, 67.5210, 81.4170



22.4290, 21.6820, 25.5700

Previews

White Background



This preview shows how the YIQ color 131.8290, -127.3200, -16.3760 looks on a white background.

Color Contrast Check

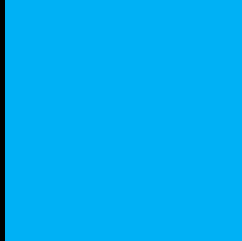
Large Text (above 18pt) WCAG AA × Fail

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 131.8290, -127.3200, -16.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

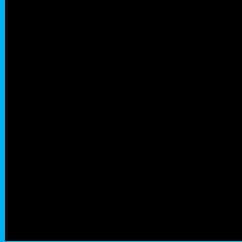
Any Text WCAG AA ✓ Pass

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 131.8290, -127.3200, -16.3760 Background



This preview shows how black text looks on a background with the YIQ color 131.8290, -127.3200, -16.3760.



This preview shows how white text looks on a background with the YIQ color 131.8290, -127.3200, -16.3760.

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

131.8290, -127.3200, -16.3760

Protanopia

164.4130, -34.1150, 18.0530

Deuteranopia

162.2140, -49.6120, 18.0680



Tritanopia

129.8790, -113.5620, -34.4420

Trichromacy



Original Color

131.8290, -127.3200, -16.3760

Protanomaly

152.2560, -67.7660, 5.6580

Deuteranomaly

151.2810, -78.0820, 5.3900

Tritanomaly

130.6430, -118.4690, -28.1090

Monochromacy



Original Color

131.8290, -127.3200, -16.3760

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.7140, -46.1690, -5.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8290, -127.3200, -16.3760 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(0, 177, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 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(0, 177, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 245) }
```

Border

The CSS property to change the border of an element to YIQ 131.8290, -127.3200, -16.3760 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(0, 177, 245) }
```


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

```
.border{ border-color:rgb(0, 177, 245) }
```

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

Here you see how a box with a 4 pixel rgb(0, 177, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8290, -127.3200, -16.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 245) }
```

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

```
.background{ background-color: rgb(0, 177,  
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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