

Converting Colors

YIQ(128.7490, -106.0030,
-0.7150)

Have a look what the booklet for
YIQ(128.7490, -106.0030, -0.7150)
contains.

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Color

**YIQ(128.7490, -106.0030,
-0.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	1B9EF5
RGB	27, 158, 245
RGB Percent	11%, 62%, 96%
CMY	0.8942, 0.3802, 0.0397
CMYK	0.89, 0.35, 0.00, 0.04
HSL	204°, 91%, 53%
HSV	204°, 89%, 96%
XYZ	29.1490, 31.2897, 90.7898
YIQ	128.7490, -106.0030, -0.7150

Conversions

Conversions Part 2

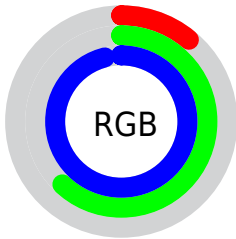
Format	Color
R _Y B	27, 109, 245
Decimal	1810165
CIE Lab	62.75, -2.26, -52.47
CIE LCh	63, 52.515, 267.530
Yxy	31.2897, 0.1927, 0.2069
Android (android.graphics.Color)	4280000245 (0xFF1B9EF5)
YUV	128.7490, 57.3117, -89.2339
Hunter-Lab	55.9372, -4.8733, -57.0756

Details

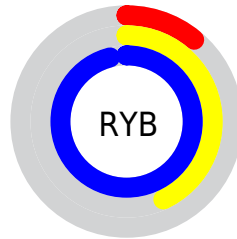
The YIQ color **128.7490, -106.0030, -0.7150** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **143.2510, 106.0030, 0.7150**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.8990, -71.6150, -7.1910**, and **84.2410, -89.7730, 2.5070** is the 20% darker color. If you saturate the color by 10%, you get **115.4040, -118.1530, -0.7850**, and if you desaturate by 10%, it is **141.7950, -94.4490, -0.8570**.

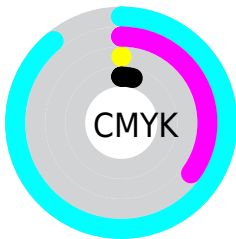
Distribution



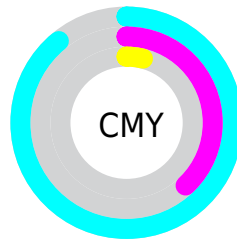
- Red (11%)
- Green (62%)
- Blue (96%)



- Red (11%)
- Yellow (43%)
- Blue (96%)



- Cyan (89%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (89%)
- Magenta (38%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.7490, -106.0030, -0.7150 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 128.7490, -106.0030, -0.7150 by changing the saturation by 10% instead.

■ 128.7490,
-106.0030, -0.7150

■ 128.7490,
-106.0030, -0.7150

■ 255.0000, -0.0000,
-0.0000

■ 102.1080,
-105.6360, -1.8600

■ 187.8990,
-71.6150, -7.1910

■ 84.2410, -89.7730,
2.5070

■ 214.7890,
-59.9220, -15.3620

■ 67.0750, -74.5060,
6.6620

■ 232.5750,
-44.7000, -15.9000

■ 51.0830, -59.7890,
9.7710

■ 242.1430,
-25.6280, -9.1160

■ 35.7920, -45.6680,
12.6680

■ 251.4120, -7.1520,
-2.5440

■ 21.2020, -32.1430,
15.3530

■ 10.2480, -20.5890,

15.2110

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 128.7490,
-106.0030, -0.7150

■ 128.7490,
-106.0030, -0.7150

■ 115.4040,
-118.1530, -0.7850

■ 141.7950,
-94.4490, -0.8570

■ 114.2190,
-119.0700, -0.6860

■ 155.1400,
-82.2990, -0.7870

■ 167.5990,
-70.4700, -0.4060

■ 180.9440,
-58.3200, -0.3360

■ 193.9900,
-46.7660, -0.4780

■ 207.3350,
-34.6160, -0.4080

■ 219.7940,
-22.7870, -0.0270

■ 233.1390,
-10.6370, 0.0430

■ 246.1850, 0.9170,
-0.0990

Harmonies

Analogous

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



125.4230, -120.3050, -16.8570



128.7490, -106.0030, -0.7150



153.5100, -26.5980, 30.5060

Triad

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



128.7490, -106.0030, -0.7150



150.7230, 73.4000, 24.4080



133.3160, -34.7460, -42.1220

Complementary

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



128.7490, -106.0030, -0.7150



143.2510, 106.0030, 0.7150

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.



142.7550, 15.3660, -36.2020



128.7490, -106.0030, -0.7150



150.1020, 69.8740, 0.1940

Square

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



128.7490, -106.0030, -0.7150



153.1350, 58.2210, 40.6930



147.1510, 49.8420, -22.2380



119.3690, -94.9910, -46.1190

Rectangle

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



128.7490, -106.0030, -0.7150



156.1570, 8.4290, 39.9890



147.1510, 49.8420, -22.2380



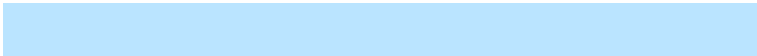
137.4230, -15.9940, -40.5540

Sweetspot

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



128.7490, -106.0030, -0.7150



218.5200, -33.6990, -0.5070



164.4280, -86.5930, -88.2010



105.7620, -19.7610, 0.1990



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.



128.7490, -106.0030, -0.7150



118.8810, -123.9300, -0.7140



66.5270, -76.8530, 54.7230



116.0640, -6.0520, -0.4520



86.9480, -90.5060, -0.7300



27.2710, -28.5640, 0.0440

Inverse Universe

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



107.1160, 87.8770, 86.9570



93.6870, 102.8670, 101.6430



204.8860, 77.1280, -54.2000



114.5000, 4.5840, 5.0320



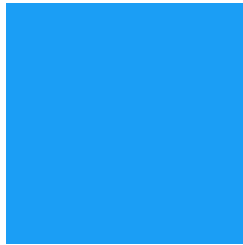
68.3820, 74.9040, 74.2640



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 128.7490, -106.0030, -0.7150 looks on a white background.

Color Contrast Check

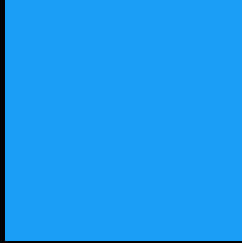
Large Text (above 18pt) WCAG AA × Fail

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 128.7490, -106.0030, -0.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

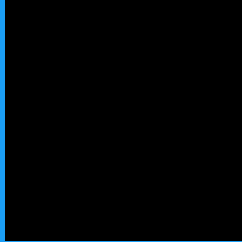
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

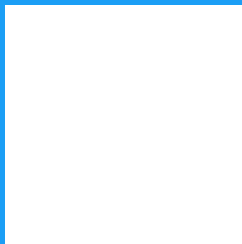
Any Text WCAG AAA ✓ Pass

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

YIQ 128.7490, -106.0030, -0.7150 Background



This preview shows how black text looks on a background with the YIQ color 128.7490, -106.0030, -0.7150.



This preview shows how white text looks on a background with the YIQ color 128.7490, -106.0030, -0.7150.

-0.7150.

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

128.7490, -106.0030, -0.7150

Protanopia

149.0620, -46.1280, 21.0080

Deuteranopia

144.0040, -66.5760, 17.1360



Tritanopia

119.1360, -103.9800, -31.8840

Trichromacy



Original Color

128.7490, -106.0030, -0.7150

Protanomaly

141.8850, -67.8590, 12.8530

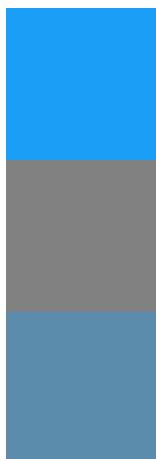
Deuteranomaly

138.7740, -80.7880, 10.3800

Tritanomaly

122.5140, -104.6240, -20.2080

Monochromacy



Original Color

128.7490, -106.0030, -0.7150

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1820, -38.5590, -0.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.7490, -106.0030, -0.7150 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(27, 158, 245)` looks like.

```
.text, #text, p{  
    color:rgb(27, 158, 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(27, 158, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 158, 245) }
```

Border

The CSS property to change the border of an element to YIQ 128.7490, -106.0030, -0.7150 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(27, 158, 245) }
```


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

```
.border{ border-color:rgb(27, 158, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 158, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 158, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 158, 245);  
box-shadow:4px 4px 4px 4px rgb(27, 158,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 128.7490, -106.0030, -0.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 158, 245) }
```

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

```
.background{ background-color: rgb(27, 158,  
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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