

Converting Colors

YIQ(114.7490, -106.0030,
-0.7150)

Have a look what the booklet for
YIQ(114.7490, -106.0030, -0.7150)
contains.

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Color

**YIQ(114.7490, -106.0030,
-0.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	0D90E7
RGB	13, 144, 231
RGB Percent	5%, 56%, 91%
CMY	0.9491, 0.4351, 0.0946
CMYK	0.94, 0.38, 0.00, 0.09
HSL	204°, 89%, 48%
HSV	204°, 94%, 91%
XYZ	24.5529, 25.8108, 79.1971
YIQ	114.7490, -106.0030, -0.7150

Conversions

Conversions Part 2

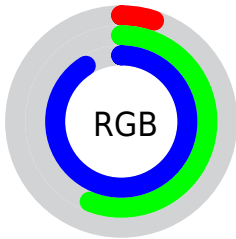
Format	Color
R_{YB}	13, 95, 231
Decimal	889063
CIE _{Lab}	57.86, 0.09, -52.53
CIE _{LCh}	58, 52.525, 270.096
Yxy	25.8108, 0.1895, 0.1992
Android (android.graphics.Color)	4279079143 (0xFF0D90E7)
YUV	114.7490, 57.3117, -89.2339
Hunter-Lab	50.8044, -2.6417, -56.8620

Details

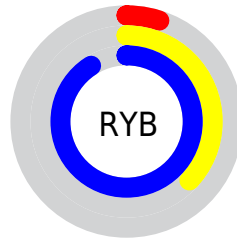
The YIQ color **114.7490, -106.0030, -0.7150** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **129.2510, 106.0030, 0.7150**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0010, -71.6620, -0.8300**, and **75.1280, -82.0250, 5.2630** is the 20% darker color. If you saturate the color by 10%, you get **107.9270, -112.3760, -0.8560**, and if you desaturate by 10%, it is **126.9090, -94.7700, -0.5460**.

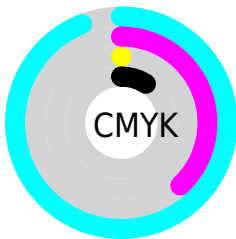
Distribution



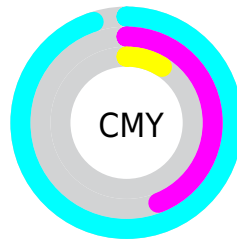
- Red (5%)
- Green (56%)
- Blue (91%)



- Red (5%)
- Yellow (37%)
- Blue (91%)



- Cyan (94%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7490, -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 114.7490, -106.0030, -0.7150 by changing the saturation by 10% instead.

■ 114.7490,
-106.0030, -0.7150

■ 114.7490,
-106.0030, -0.7150

■ 255.0000, -0.0000,
-0.0000

■ 92.8810, -97.5670,
0.5850

■ 177.0010,
-71.6620, -0.8300

■ 75.1280, -82.0250,
5.2630

■ 203.3040,
-59.6940, -8.4780

■ 58.5490, -67.0330,
8.8950

■ 229.5960,
-49.1930, -17.0730

■ 43.1440, -52.5910,
11.4810

■ 239.7510,
-30.3960, -10.8120

■ 28.5540, -39.0660,
14.1660

■ 249.0200,
-11.9200, -4.2400

■ 12.9040, -25.3120,
18.2080

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 114.7490,
-106.0030, -0.7150

■ 114.7490,
-106.0030, -0.7150

■ 107.9270,
-112.3760, -0.8560

■ 126.9090,
-94.7700, -0.5460

■ 139.0690,
-83.5370, -0.3770

■ 151.8160,
-72.5790, -0.7310

■ 163.9760,
-61.3460, -0.5620

■ 176.1360,
-50.1130, -0.3930

■ 188.5950,
-38.2840, -0.0120

■ 200.7550,
-27.0510, 0.1570

■ 213.5020,
-16.0930, -0.1970

■ 225.6620, -4.8600,
-0.0280

Harmonies

Analogous

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



115.8370, -112.6030, -13.2670



114.7490, -106.0030, -0.7150



141.3750, -21.7840, 31.3680

Triad

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



114.7490, -106.0030, -0.7150



137.4840, 72.5750, 22.8390



118.3690, -42.2650, -43.5210

Complementary

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



114.7490, -106.0030, -0.7150



129.2510, 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.



129.1890, 11.1480, -36.8520



114.7490, -106.0030, -0.7150



136.0800, 66.9400, -1.7000

Square

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



114.7490, -106.0030, -0.7150



139.0920, 59.7800, 39.9720



134.0150, 47.2290, -24.4430



110.2390, -88.5730, -41.2850

Rectangle

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



114.7490, -106.0030, -0.7150



143.3100, 12.3720, 40.1160



134.0150, 47.2290, -24.4430



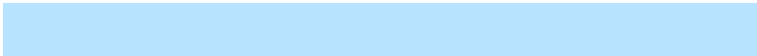
123.9710, -20.5330, -40.8930

Sweetspot

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



114.7490, -106.0030, -0.7150



217.3350, -34.6160, -0.4080



150.5420, -86.9140, -87.8900



104.2780, -21.2740, 0.0860



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.



114.7490, -106.0030, -0.7150



118.8810, -123.9300, -0.7140



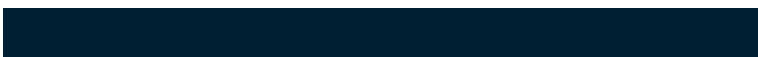
52.5270, -76.8530, 54.7230



108.4770, -5.7770, 0.0710



83.2150, -86.8840, -0.2920



24.0110, -24.8960, -0.3520

Inverse Universe

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



93.1160, 87.8770, 86.9570



93.6870, 102.8670, 101.6430



190.8860, 77.1280, -54.2000



107.3860, 4.9050, 4.7210



65.7190, 72.3370, 71.2250



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 114.7490, -106.0030, -0.7150 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7490, -106.0030, -0.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

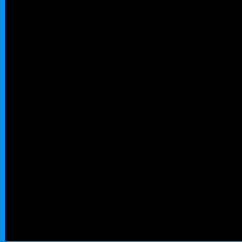
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

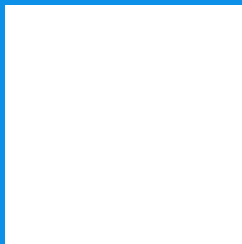
Any Text WCAG AAA × Fail

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

YIQ 114.7490, -106.0030, -0.7150 Background



This preview shows how black text looks on a background with the YIQ color 114.7490, -106.0030, -0.7150.



This preview shows how white text looks on a background with the YIQ color 114.7490, -106.0030,

-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

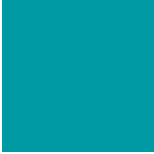
114.7490, -106.0030, -0.7150

Protanopia

135.7630, -46.7240, 20.7960

Deuteranopia

129.8680, -69.1890, 14.9310



Tritanopia

109.0940, -94.9940, -29.5380

Trichromacy



Original Color

114.7490, -106.0030, -0.7150

Protanomaly

127.9990, -68.1800, 13.1640

Deuteranomaly

124.4640, -82.8510, 9.2210

Tritanomaly

110.9770, -98.6180, -18.9220

Monochromacy



Original Color

114.7490, -106.0030, -0.7150

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1820, -38.5590, -0.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7490, -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(13, 144, 231)` looks like.

```
.text, #text, p{  
    color:rgb(13, 144, 231)  
}
```

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(13, 144, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 144, 231) }
```

Border

The CSS property to change the border of an element to YIQ 114.7490, -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(13, 144, 231) }
```


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

```
.border{ border-color:rgb(13, 144, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 144, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 144, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 144, 231);  
box-shadow:4px 4px 4px 4px rgb(13, 144,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7490, -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(13, 144, 231) }
```

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

```
.background{ background-color: rgb(13, 144,  
231) }
```

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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