

Converting Colors

YIQ(131.6470, -115.1240,
-17.1400)

Have a look what the booklet for
YIQ(131.6470, -115.1240, -17.1400)
contains.

YIQ(131.6470, -115.1240, -17.1400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(131.6470, -115.1240,
-17.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	0BAEE6
RGB	11, 174, 230
RGB Percent	4%, 68%, 90%
CMY	0.9570, 0.3174, 0.0985
CMYK	0.95, 0.24, 0.00, 0.10
HSL	195°, 91%, 47%
HSV	195°, 95%, 90%
XYZ	29.5512, 36.0752, 80.1747
YIQ	131.6470, -115.1240, -17.1400

Conversions

Conversions Part 2

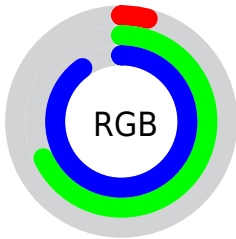
Format	Color
R _Y B	11, 104, 230
Decimal	765670
CIE Lab	66.58, -17.21, -38.23
CIE LCh	67, 41.923, 245.762
Yxy	36.0752, 0.2027, 0.2474
Android (android.graphics.Color)	4278955750 (0xFF0BAEE6)
YUV	131.6470, 48.4880, -105.8074
Hunter-Lab	60.0626, -17.2866, -37.0995

Details

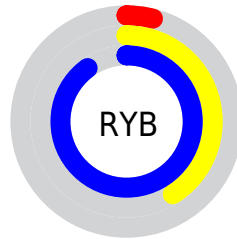
The YIQ color **131.6470, -115.1240, -17.1400** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **109.3530, 115.1240, 17.1400**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.6710, -80.1410, -17.8770**, and **91.4500, -89.4040, -9.6920** is the 20% darker color. If you saturate the color by 10%, you get **126.5970, -120.8550, -17.9030**, and if you desaturate by 10%, it is **142.0460, -103.0660, -15.4020**.

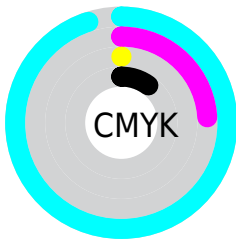
Distribution



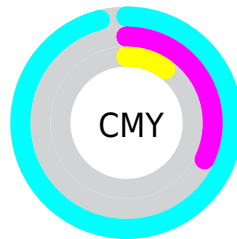
- Red (4%)
- Green (68%)
- Blue (90%)



- Red (4%)
- Yellow (41%)
- Blue (90%)



- Cyan (95%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)



- Cyan (96%)
- Magenta (32%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.6470, -115.1240, -17.1400 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 131.6470, -115.1240, -17.1400 by changing the saturation by 10% instead.

■ 131.6470,
-115.1240, -17.1400

■ 131.6470,
-115.1240, -17.1400

■ 255.0000, -0.0000,
-0.0000

■ 109.3170,
-105.2670, -14.0590

■ 196.6710,
-80.1410, -17.8770

■ 91.4500, -89.4040,
-9.6920

■ 221.2130,
-67.3480, -23.9560

■ 73.6970, -73.8620,
-5.0140

■ 230.7810,
-48.2760, -17.1720

■ 56.6450, -58.9160,
-0.5480

■ 240.0500,
-29.8000, -10.6000

■ 40.8810, -44.8410,
3.1830

■ 249.3190,
-11.3240, -4.0280

■ 26.4050, -31.6370,
6.1790

■ 7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 131.6470,
-115.1240, -17.1400

■ 131.6470,
-115.1240, -17.1400

■ 126.5970,
-120.8550, -17.9030

■ 142.0460,
-103.0660, -15.4020

■ 152.4450,
-91.0080, -13.6640

■ 162.8440,
-78.9500, -11.9260

■ 173.2430,
-66.8920, -10.1880

■ 183.0550,
-54.5590, -7.9270

■ 193.4540,
-42.5010, -6.1890

■ 203.8530,
-30.4430, -4.4510

■ 214.2520,
-18.3850, -2.7130

■ 224.6510, -6.3270,
-0.9750

Harmonies

Analogous

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



129.0300, -115.3050, -30.3850



131.6470, -115.1240, -17.1400



157.3830, -51.7660, 13.0500

Triad

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



131.6470, -115.1240, -17.1400



164.3480, 52.7670, 29.3990



154.3980, 3.4900, -30.2220

Complementary

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



131.6470, -115.1240, -17.1400



109.3530, 115.1240, 17.1400

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.



158.3050, 34.8490, -20.3430



131.6470, -115.1240, -17.1400



163.1680, 61.4810, 14.6410

Square

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



131.6470, -115.1240, -17.1400



166.8200, 28.1910, 34.2630



161.2680, 54.6070, -3.9610



146.8030, -37.3150, -34.1070

Rectangle

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



131.6470, -115.1240, -17.1400



163.5610, -22.6080, 24.2720



161.2680, 54.6070, -3.9610



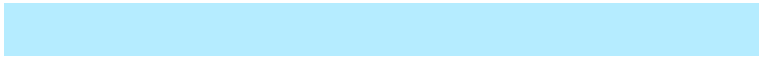
156.0250, 14.9060, -27.8620

Sweetspot

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



131.6470, -115.1240, -17.1400



221.7210, -38.8790, -5.7510



145.8230, -77.8800, -97.4320



107.5010, -23.5200, -3.2640



0.0000, 0.0000, 0.0000



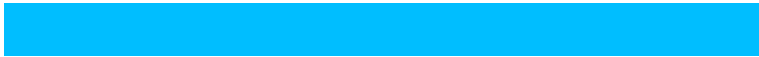
128.0000, -0.0000, -0.0000

Same Dimension

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



131.6470, -115.1240, -17.1400



140.6000, -134.1050, -20.0650



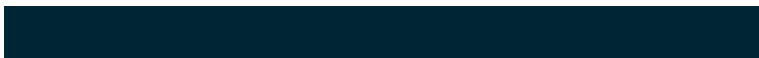
68.2510, -85.4240, 39.3440



109.6510, -6.3270, -0.9750



98.4770, -94.0340, -13.8900



28.1200, -26.8210, -4.0130

Inverse Universe

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



95.0630, 78.2010, 97.1210



97.9050, 90.9900, 113.1500



172.7490, 85.4240, -39.3440



107.6140, 4.2630, 5.3430



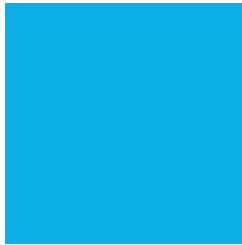
68.6830, 63.9910, 79.3110



19.5810, 18.1980, 22.6300

Previews

White Background



This preview shows how the YIQ color 131.6470, -115.1240, -17.1400 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 131.6470, -115.1240, -17.1400 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 131.6470, -115.1240, -17.1400 Background



This preview shows how black text looks on a background with the YIQ color 131.6470, -115.1240, -17.1400.



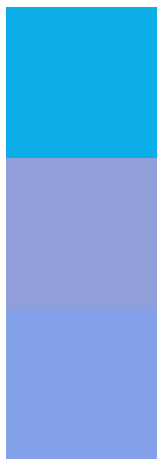
This preview shows how white text looks on a background with the YIQ color 131.6470, -115.1240, -17.1400.

-17.1400.

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

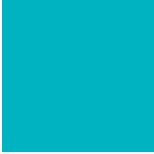
131.6470, -115.1240, -17.1400

Protanopia

161.2410, -27.8790, 15.1690

Deuteranopia

159.6510, -40.7170, 16.5550



Tritanopia

126.9610, -110.8570, -33.9050

Trichromacy



Original Color

131.6470, -115.1240, -17.1400

Protanomaly

150.2800, -59.1460, 3.6220

Deuteranomaly

149.3160, -67.9950, 4.3010

Tritanomaly

128.5790, -112.4170, -27.6570

Monochromacy



Original Color

131.6470, -115.1240, -17.1400

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.7530, -41.9050, -5.9770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.6470, -115.1240, -17.1400 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(11, 174, 230)` looks like.

```
.text, #text, p{  
    color:rgb(11, 174, 230)  
}
```

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(11, 174, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 174, 230) }
```

Border

The CSS property to change the border of an element to YIQ 131.6470, -115.1240, -17.1400 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(11, 174, 230) }
```


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

```
.border{ border-color:rgb(11, 174, 230) }
```

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

Here you see how a box with a 4 pixel rgb(11, 174, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 174, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 174, 230);  
box-shadow:4px 4px 4px 4px rgb(11, 174,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 131.6470, -115.1240, -17.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 174, 230) }
```

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

```
.background{ background-color: rgb(11, 174,  
230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor