

Converting Colors

YIQ(112.2010, -101.4640,
-0.3760)

Have a look what the booklet for
YIQ(112.2010, -101.4640, -0.3760)
contains.

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Color

**YIQ(112.2010, -101.4640,
-0.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8CE0
RGB	15, 140, 224
RGB Percent	6%, 55%, 88%
CMY	0.9413, 0.4508, 0.1220
CMYK	0.93, 0.37, 0.00, 0.12
HSL	204°, 87%, 47%
HSV	204°, 93%, 88%
XYZ	23.0202, 24.2480, 73.9033
YIQ	112.2010, -101.4640, -0.3760

Conversions

Conversions Part 2

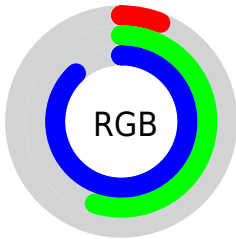
Format	Color
RYB	15, 93, 224
Decimal	1019104
CIELab	56.34, -0.12, -51.05
CIELCh	56, 51.049, 269.864
Yxy	24.2480, 0.1900, 0.2001
Android (android.graphics.Color)	4279209184 (0xFF0F8CE0)
YUV	112.2010, 55.1169, -85.2453
Hunter-Lab	49.2422, -2.7273, -54.5135

Details

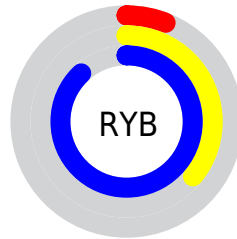
The YIQ color **112.2010, -101.4640, -0.3760** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **126.7990, 101.4640, 0.3760**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3540, -71.1580, 1.0500**, and **72.5690, -78.9530, 4.6550** is the 20% darker color. If you saturate the color by 10%, you get **104.1940, -108.7540, -0.4180**, and if you desaturate by 10%, it is **124.0620, -90.8270, -0.4190**.

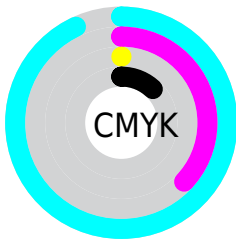
Distribution



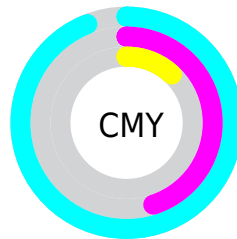
- Red (6%)
- Green (55%)
- Blue (88%)



- Red (6%)
- Yellow (36%)
- Blue (88%)



- Cyan (93%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (94%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.2010, -101.4640, -0.3760 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 112.2010, -101.4640, -0.3760 by changing the saturation by 10% instead.

■ 112.2010,
-101.4640, -0.3760

■ 112.2010,
-101.4640, -0.3760

■ 255.0000, -0.0000,
-0.0000

■ 89.8490, -94.5410,
0.8110

■ 174.3540,
-71.1580, 1.0500

■ 72.5690, -78.9530,
4.6550

■ 200.3580,
-59.7860, -6.8100

■ 55.9900, -63.9610,
8.2870

■ 226.0630,
-49.0100, -14.8820

■ 40.1120, -49.5650,
11.7070

■ 238.8540,
-32.1840, -11.4480

■ 26.1090, -36.3150,
13.8690

■ 248.1230,
-13.7080, -4.8760

■ 11.6330, -23.1110,
16.8650

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 112.2010,
-101.4640, -0.3760

■ 112.2010,
-101.4640, -0.3760

■ 104.1940,
-108.7540, -0.4180

■ 124.0620,
-90.8270, -0.4190

■ 136.2220,
-79.5940, -0.2500

■ 148.0830,
-68.9570, -0.2930

■ 160.2430,
-57.7240, -0.1240

■ 172.1040,
-47.0870, -0.1670

■ 183.9650,
-36.4500, -0.2100

■ 196.1250,
-25.2170, -0.0410

■ 207.9860,
-14.5800, -0.0840

■ 219.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



112.6910, -109.2560, -13.3520



112.2010, -101.4640, -0.3760



137.0330, -20.8210, 30.4350

Triad

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



112.2010, -101.4640, -0.3760



133.2880, 70.1910, 21.9910



115.0920, -39.9270, -41.8390

Complementary

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



112.2010, -101.4640, -0.3760



126.7990, 101.4640, 0.3760

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.



125.5420, 11.6520, -34.9720



112.2010, -101.4640, -0.3760



132.7100, 65.1060, -1.5020

Square

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



112.2010, -101.4640, -0.3760



135.3690, 57.4420, 38.2900



130.1720, 45.3490, -23.4110



107.3210, -85.8680, -40.7480

Rectangle

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



112.2010, -101.4640, -0.3760



139.1850, 11.2260, 38.8580



130.1720, 45.3490, -23.4110



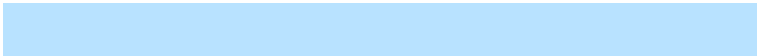
120.2100, -19.7080, -39.3240

Sweetspot

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



112.2010, -101.4640, -0.3760



216.7480, -34.3410, 0.1150



147.2590, -84.4390, -83.1830



104.2780, -21.2740, 0.0860



0.0000, 0.0000, 0.0000



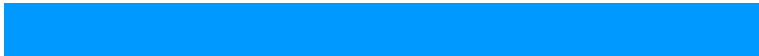
128.0000, -0.0000, -0.0000

Same Dimension

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



112.2010, -101.4640, -0.3760



118.8810, -123.9300, -0.7140



51.1530, -72.8640, 54.0160



106.3630, -5.4560, -0.2400



81.6990, -85.3710, -0.1790



22.4950, -23.3830, -0.2390

Inverse Universe

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



91.7410, 84.4390, 83.1830



93.6870, 102.8670, 101.6430



187.8470, 72.8640, -54.0160



105.0870, 4.3090, 4.5090



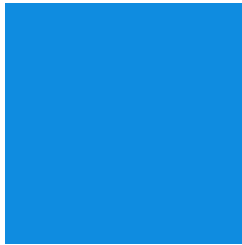
64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 112.2010, -101.4640, -0.3760 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 112.2010, -101.4640, -0.3760 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

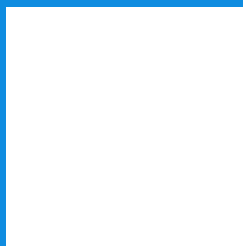
Any Text WCAG AAA × Fail

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

YIQ 112.2010, -101.4640, -0.3760 Background



This preview shows how black text looks on a background with the YIQ color 112.2010, -101.4640, -0.3760.



This preview shows how white text looks on a background with the YIQ color 112.2010, -101.4640, -0.3760.

-0.3760.

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

112.2010, -101.4640, -0.3760

Protanopia

131.7200, -45.1650, 20.0750

Deuteranopia

126.4230, -66.4380, 14.6340



Tritanopia

105.7030, -92.3350, -28.1670

Trichromacy



Original Color

112.2010, -101.4640, -0.3760

Protanomaly

124.5540, -65.4290, 12.8670

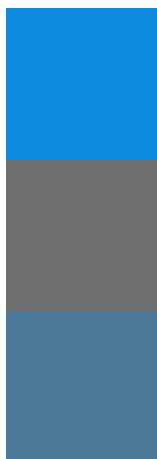
Deuteranomaly

121.3180, -79.5040, 9.1360

Tritanomaly

108.0590, -95.9130, -18.3850

Monochromacy



Original Color

112.2010, -101.4640, -0.3760

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0790, -36.7710, 0.1010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2010, -101.4640, -0.3760 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(15, 140, 224)` looks like.

```
.text, #text, p{  
    color:rgb(15, 140, 224)  
}
```

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(15, 140, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 140, 224) }
```

Border

The CSS property to change the border of an element to YIQ 112.2010, -101.4640, -0.3760 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(15, 140, 224) }
```


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

```
.border{ border-color:rgb(15, 140, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 140, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 140, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 140, 224);  
box-shadow:4px 4px 4px 4px rgb(15, 140,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2010, -101.4640, -0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 140, 224) }
```

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

```
.background{ background-color: rgb(15, 140,  
224) }
```

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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