

Converting Colors

YIQ(112.5090, -97.0600,
-14.1160)

Have a look what the booklet for
YIQ(112.5090, -97.0600, -14.1160)
contains.

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Color

**YIQ(112.5090, -97.0600,
-14.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	0B94C4
RGB	11, 148, 196
RGB Percent	4%, 58%, 77%
CMY	0.9570, 0.4194, 0.2318
CMYK	0.94, 0.24, 0.00, 0.23
HSL	196°, 89%, 41%
HSV	196°, 94%, 77%
XYZ	20.6875, 25.2492, 55.9435
YIQ	112.5090, -97.0600, -14.1160

Conversions

Conversions Part 2

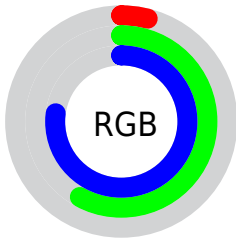
Format	Color
R_{YB}	11, 90, 196
Decimal	758980
CIE _{Lab}	57.32, -15.26, -33.78
CIE _{LCh}	57, 37.064, 245.689
Yxy	25.2492, 0.2031, 0.2478
Android (android.graphics.Color)	4278949060 (0xFF0B94C4)
YUV	112.5090, 41.1611, -89.0234
Hunter-Lab	50.2486, -14.4458, -30.8357

Details

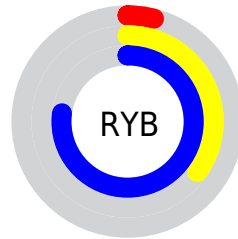
The YIQ color **112.5090, -97.0600, -14.1160** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **94.4910, 97.0600, 14.1160**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3160, -77.1630, -5.7630**, and **73.1270, -72.2570, -6.5690** is the 20% darker color. If you saturate the color by 10%, you get **107.4590, -102.7910, -14.8790**, and if you desaturate by 10%, it is **121.4240, -86.5150, -12.4910**.

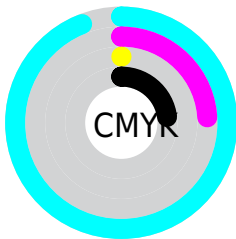
Distribution



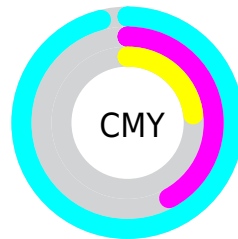
- Red (4%)
- Green (58%)
- Blue (77%)



- Red (4%)
- Yellow (35%)
- Blue (77%)



- Cyan (94%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.5090, -97.0600, -14.1160 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 112.5090, -97.0600, -14.1160 by changing the saturation by 10% instead.

■ 112.5090,
-97.0600, -14.1160

■ 112.5090,
-97.0600, -14.1160

■ 255.0000, -0.0000,
-0.0000

■ 90.8800, -87.7990,
-11.2470

■ 177.3160,
-77.1630, -5.7630

■ 73.1270, -72.2570,
-6.5690

■ 203.2490,
-67.0290, -13.2130

■ 56.6620, -57.5860,
-2.6260

■ 227.1930,
-55.4280, -19.7160

■ 40.3110, -43.2360,
1.6280

■ 236.1630,
-37.5480, -13.3560

■ 25.8350, -30.0320,
4.6240

■ 245.4320,
-19.0720, -6.7840

■ 6.8910, -15.2700,
12.4260

254.4020, -1.1920,

■ 3.2090, -7.6580,

-0.4240

6.6300

■ 0.0000, 0.0000,
0.0000

■ 112.5090,
-97.0600, -14.1160

■ 112.5090,
-97.0600, -14.1160

■ 107.4590,
-102.7910, -14.8790

■ 121.4240,
-86.5150, -12.4910

■ 130.0400,
-76.5660, -11.0780

■ 138.9550,
-66.0210, -9.4530

■ 147.5710,
-56.0720, -8.0400

■ 156.4860,
-45.5270, -6.4150

■ 165.4010,
-34.9820, -4.7900

■ 174.6040,
-25.3080, -3.9000

■ 183.5190,
-14.7630, -2.2750

■ 192.1350, -4.8140,
-0.8620

Harmonies

Analogous

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



109.6470, -97.9290, -25.9050



112.5090, -97.0600, -14.1160



133.9230, -44.6590, 10.9010

Triad

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



112.5090, -97.0600, -14.1160



139.8200, 45.3860, 25.4980



131.1470, 2.9390, -25.7410

Complementary

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



112.5090, -97.0600, -14.1160



94.4910, 97.0600, 14.1160

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.



134.6620, 29.5300, -17.5580



112.5090, -97.0600, -14.1160



138.6230, 52.7700, 12.8180

Square

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



112.5090, -97.0600, -14.1160



141.6190, 24.2030, 29.4430



136.7880, 47.2710, -3.1690



124.4880, -31.8140, -29.1740

Rectangle

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



112.5090, -97.0600, -14.1160



139.3070, -19.0770, 20.8510



136.7880, 47.2710, -3.1690



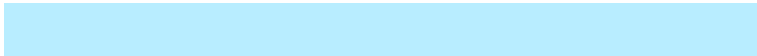
132.2900, 12.8420, -23.4940

Sweetspot

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



112.5090, -97.0600, -14.1160



223.2050, -37.3660, -5.6380



124.8390, -65.6410, -82.4490



107.8000, -22.9240, -3.0520



0.0000, 0.0000, 0.0000



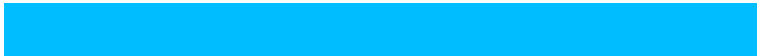
128.0000, -0.0000, -0.0000

Same Dimension

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



112.5090, -97.0600, -14.1160



140.0130, -133.8300, -19.5420



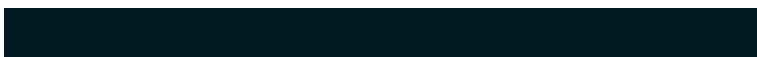
59.0920, -72.0350, 33.4770



92.2490, -5.1350, -0.5510



88.2070, -84.4060, -12.1660



18.4370, -17.4680, -2.8120

Inverse Universe

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



81.9330, 66.2830, 81.8270



97.7910, 91.3110, 112.8390



147.9080, 72.0350, -33.4770



90.7880, 3.7130, 4.2970



61.7050, 57.7570, 71.1410



12.7170, 11.6430, 14.7710

Previews

White Background



This preview shows how the YIQ color 112.5090, -97.0600, -14.1160 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 112.5090, -97.0600, -14.1160 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 112.5090, -97.0600, -14.1160 Background



This preview shows how black text looks on a background with the YIQ color 112.5090, -97.0600, -14.1160.

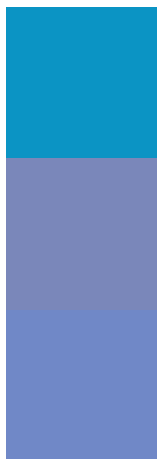


This preview shows how white text looks on a background with the YIQ color 112.5090, -97.0600, -14.1160.

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

112.5090, -97.0600, -14.1160

Protanopia

136.9270, -24.1190, 13.1050

Deuteranopia

136.0060, -34.5270, 14.5050



Tritanopia

107.9200, -94.4440, -28.4920

Trichromacy



Original Color

112.5090, -97.0600, -14.1160

Protanomaly

128.3580, -50.6180, 3.2540

Deuteranomaly

127.1770, -57.3580, 4.2580

Tritanomaly

109.8970, -95.6370, -23.3890

Monochromacy



Original Color

112.5090, -97.0600, -14.1160

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9880, -35.2570, -5.3130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5090, -97.0600, -14.1160 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, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(11, 148, 196)  
}
```

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, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 148, 196) }
```

Border

The CSS property to change the border of an element to YIQ 112.5090, -97.0600, -14.1160 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, 148, 196) }
```


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

```
.border{ border-color:rgb(11, 148, 196) }
```

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

Here you see how a box with a 4 pixel rgb(11, 148, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 148, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 148, 196);  
box-shadow:4px 4px 4px 4px rgb(11, 148,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 112.5090, -97.0600, -14.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 148, 196) }
```

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

```
.background{ background-color: rgb(11, 148,  
196) }
```

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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