

Converting Colors

YIQ(116.6030, -94.6290,
-19.6290)

Have a look what the booklet for
YIQ(116.6030, -94.6290, -19.6290)
contains.

YIQ(116.6030, -94.6290, -19.6290)	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(116.6030, -94.6290,
-19.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	0E9BBC
RGB	14, 155, 188
RGB Percent	5%, 61%, 74%
CMY	0.9453, 0.3919, 0.2631
CMYK	0.93, 0.17, 0.00, 0.26
HSL	191°, 86%, 40%
HSV	191°, 93%, 74%
XYZ	20.9772, 27.1816, 51.6601
YIQ	116.6030, -94.6290, -19.6290

Conversions

Conversions Part 2

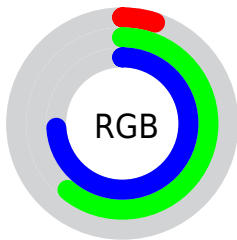
Format	Color
RYB	14, 92, 188
Decimal	957372
CIELab	59.14, -21.73, -26.43
CIELCh	59, 34.217, 230.583
Yxy	27.1816, 0.2102, 0.2723
Android (android.graphics.Color)	4279147452 (0xFF0E9BBC)
YUV	116.6030, 35.1987, -89.9828
Hunter-Lab	52.1360, -19.4176, -22.2537




Details

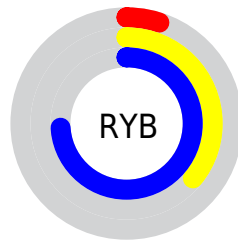
The YIQ color **116.6030, -94.6290, -19.6290** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **85.3970, 94.6290, 19.6290**, and the grayscale version is **116.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **180.9860, -76.4740, -12.7460**, and **76.4380, -71.9350, -12.4070** is the 20% darker color. If you saturate the color by 10%, you get **110.6560, -102.1480, -21.0280**, and if you desaturate by 10%, it is **124.6320, -84.4050, -17.6930**.

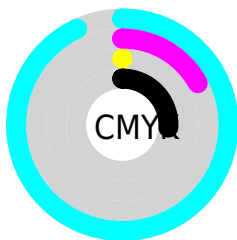
Distribution







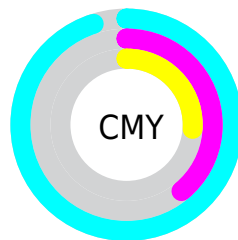
-  Red (5%)
-  Green (61%)
-  Blue (74%)






-  Red (5%)
-  Yellow (36%)
-  Blue (74%)



-  Cyan (93%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (95%)
-  Magenta (39%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.6030, -94.6290, -19.6290 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 116.6030, -94.6290, -19.6290 by changing the saturation by 10% instead.

■ 116.6030,
-94.6290, -19.6290

■ 116.6030,
-94.6290, -19.6290

■ 255.0000, -0.0000,
-0.0000

■ 94.0770, -87.1560,
-17.3960

■ 180.9860,
-76.4740, -12.7460

■ 76.4380, -71.9350,
-12.4070

■ 207.9450,
-69.2290, -17.3970

■ 58.7990, -56.7140,
-7.4180

■ 226.8940,
-56.0240, -19.9280

■ 42.5620, -42.6850,
-2.8530

■ 236.1630,
-37.5480, -13.3560

■ 27.4990, -29.2060,
0.6660

■ 245.1330,
-19.6680, -6.9960

■ 6.3210, -13.6650,
10.8710

254.4020, -1.1920,

■ 2.5250, -5.7320,

-0.4240

4.7640

■ 0.0000, 0.0000,
0.0000

■ 116.6030,
-94.6290, -19.6290

■ 116.6030,
-94.6290, -19.6290

■ 110.6560,
-102.1480, -21.0280

■ 124.6320,
-84.4050, -17.6930

■ 132.0740,
-73.9060, -15.2340

■ 139.8040,
-64.2780, -13.5100

■ 147.2460,
-53.7790, -11.0510

■ 155.2750,
-43.5550, -9.1150

■ 162.7170,
-33.0560, -6.6560

■ 170.4470,
-23.4280, -4.9320

■ 177.8890,
-12.9290, -2.4730

■ 185.9180, -2.7050,
-0.5370

Harmonies

Analogous

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



113.3070, -91.2800, -30.7680



116.6030, -94.6290, -19.6290



133.7100, -57.5410, 2.0670

Triad

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



116.6030, -94.6290, -19.6290



145.8880, 33.5110, 25.9510



138.1380, 16.3260, -20.5540

Complementary

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



116.6030, -94.6290, -19.6290



85.3970, 94.6290, 19.6290

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.



140.7110, 37.0020, -9.7980



116.6030, -94.6290, -19.6290



144.5610, 47.3130, 18.1050

Square

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



116.6030, -94.6290, -19.6290



146.3120, 8.8900, 26.1220



143.0150, 48.3700, 4.4500



134.1330, -11.6410, -25.8250

Rectangle

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



116.6030, -94.6290, -19.6290



140.9520, -34.4350, 12.8370



143.0150, 48.3700, 4.4500



139.0250, 24.0740, -17.7980

Sweetspot

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



116.6030, -94.6290, -19.6290



216.7380, -37.5490, -7.8290



119.7860, -58.1220, -81.0500



105.6320, -22.5110, -5.0310



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



116.6030, -94.6290, -19.6290



144.7430, -133.3700, -27.8820



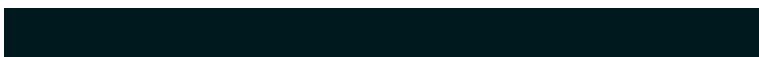
66.1210, -70.9790, 25.3490



90.7220, -5.0890, -1.3850



93.1480, -85.9180, -17.8060



18.2090, -16.8260, -3.4340

Inverse Universe

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



82.1000, 58.4430, 80.7390



95.9410, 82.1410, 113.8290



135.8790, 70.9790, -25.3490



88.6030, 2.7960, 4.3960



61.8340, 53.0800, 73.3040



12.1190, 10.4510, 14.3470

Previews

White Background



This preview shows how the YIQ color 116.6030, -94.6290, -19.6290 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 116.6030, -94.6290, -19.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

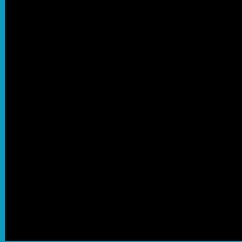
Any Text WCAG AA ✓ Pass

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 116.6030, -94.6290, -19.6290 Background



This preview shows how black text looks on a background with the YIQ color 116.6030, -94.6290, -19.6290.



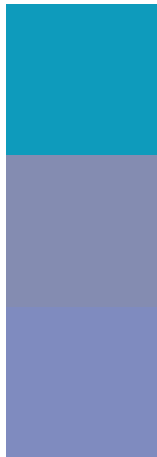
This preview shows how white text looks on a background with the YIQ color 116.6030, -94.6290, -19.6290.

-19.6290.

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

116.6030, -94.6290, -19.6290

Protanopia

141.8260, -16.6450, 9.8110

Deuteranopia

141.3400, -23.8440, 13.6280



Tritanopia

111.5390, -97.7450, -29.2410

Trichromacy



Original Color

116.6030, -94.6290, -19.6290

Protanomaly

132.3600, -44.9320, -0.6760

Deuteranomaly

132.4890, -49.6090, 1.4870

Tritanomaly

113.2450, -96.7370, -25.4810

Monochromacy



Original Color

116.6030, -94.6290, -19.6290

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.1190, -34.2480, -7.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.6030, -94.6290, -19.6290 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(14, 155, 188)` looks like.

```
.text, #text, p{  
    color:rgb(14, 155, 188)  
}
```

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(14, 155, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 155, 188) }
```

Border

The CSS property to change the border of an element to YIQ 116.6030, -94.6290, -19.6290 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(14, 155, 188) }
```


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

```
.border{ border-color:rgb(14, 155, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 155, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 155, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 155, 188);  
box-shadow:4px 4px 4px 4px rgb(14, 155,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 116.6030, -94.6290, -19.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 155, 188) }
```

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

```
.background{ background-color: rgb(14, 155,  
188) }
```

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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