

Converting Colors

YIQ(128.0190, -107.6040,
-21.2680)

Have a look what the booklet for
YIQ(128.0190, -107.6040, -21.2680)
contains.

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Color

**YIQ(128.0190, -107.6040,
-21.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	0CABD3
RGB	12, 171, 211
RGB Percent	5%, 67%, 83%
CMY	0.9531, 0.3291, 0.1730
CMYK	0.94, 0.19, 0.00, 0.17
HSL	192°, 89%, 44%
HSV	192°, 94%, 83%
XYZ	26.4692, 33.9259, 66.7046
YIQ	128.0190, -107.6040, -21.2680

Conversions

Conversions Part 2

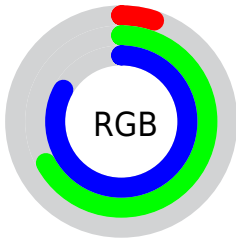
Format	Color
RYB	12, 100, 211
Decimal	830419
CIELab	64.90, -22.21, -30.37
CIELCh	65, 37.625, 233.827
Yxy	33.9259, 0.2083, 0.2669
Android (android.graphics.Color)	4279020499 (0xFF0CABD3)
YUV	128.0190, 40.9096, -101.7487
Hunter-Lab	58.2460, -20.8133, -27.1280

Details

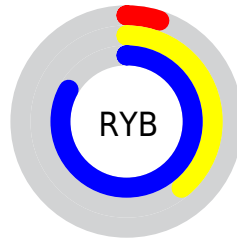
The YIQ color **128.0190, -107.6040, -21.2680** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **94.9810, 107.6040, 21.2680**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.1270, -81.4250, -16.6330**, and **87.6370, -82.8010, -13.7210** is the 20% darker color. If you saturate the color by 10%, you get **123.2570, -114.2060, -22.7660**, and if you desaturate by 10%, it is **136.6460, -96.1880, -18.9080**.

Distribution



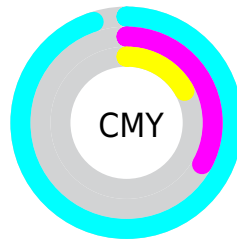
- Red (5%)
- Green (67%)
- Blue (83%)



- Red (5%)
- Yellow (39%)
- Blue (83%)



- Cyan (94%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)



- Cyan (95%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.0190, -107.6040, -21.2680 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 128.0190, -107.6040, -21.2680 by changing the saturation by 10% instead.

■ 128.0190,
-107.6040, -21.2680

■ 128.0190,
-107.6040, -21.2680

■ 255.0000, -0.0000,
-0.0000

■ 105.3900,
-98.3430, -18.3990

■ 193.7140,
-81.7000, -17.1560

■ 87.6370, -82.8010,
-13.7210

■ 219.7180,
-70.3280, -25.0160

■ 69.9980, -67.5800,
-8.7320

■ 229.2860,
-51.2560, -18.2320

■ 53.0600, -52.9550,
-3.9550

■ 238.5550,
-32.7800, -11.6600

■ 36.7090, -38.6050,
0.2990

■ 247.8240,
-14.3040, -5.0880

■ 22.9340, -25.9970,
3.0830

■ 5.1640, -11.7850,

9.8390

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 128.0190,
-107.6040, -21.2680

■ 128.0190,
-107.6040, -21.2680

■ 123.2570,
-114.2060, -22.7660

■ 136.6460,
-96.1880, -18.9080

■ 145.8600,
-85.0470, -17.0710

■ 154.4870,
-73.6310, -14.7110

■ 163.1140,
-62.2150, -12.3510

■ 171.7410,
-50.7990, -9.9910

■ 180.3680,
-39.3830, -7.6310

■ 189.8810,
-27.6460, -5.5820

■ 198.5080,
-16.2300, -3.2220

■ 207.1350, -4.8140,
-0.8620

Harmonies

Analogous

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



123.7010, -107.1890, -34.3010



128.0190, -107.6040, -21.2680



149.3230, -60.7050, 4.3430

Triad

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



128.0190, -107.6040, -21.2680



161.2910, 39.7460, 28.5940



152.5460, 14.9970, -24.0030

Complementary

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



128.0190, -107.6040, -21.2680



94.9810, 107.6040, 21.2680

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.



155.3860, 39.2950, -12.8090



128.0190, -107.6040, -21.2680



159.4970, 53.3650, 18.5570

Square

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



128.0190, -107.6040, -21.2680



161.8720, 13.2450, 29.7970



157.4130, 53.0010, 3.1210



147.5020, -17.2340, -29.0900

Rectangle

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



128.0190, -107.6040, -21.2680



156.1740, -34.9400, 16.4840



157.4130, 53.0010, 3.1210



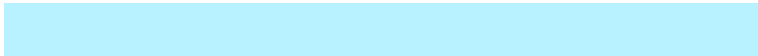
153.3300, 24.5330, -20.6110

Sweetspot

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



128.0190, -107.6040, -21.2680



225.5530, -38.4660, -7.7300



133.3730, -67.5650, -91.6370



109.5610, -23.7490, -4.6210



0.0000, 0.0000, 0.0000



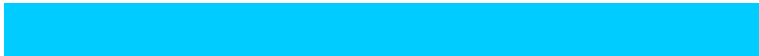
128.0000, -0.0000, -0.0000

Same Dimension

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



128.0190, -107.6040, -21.2680



148.8180, -137.9550, -27.3870



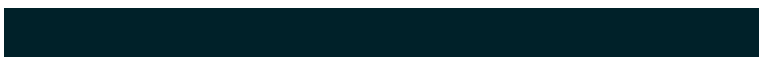
69.9060, -80.3790, 30.5090



99.9500, -5.7310, -0.7630



98.3970, -91.0530, -18.3570



24.0450, -22.2360, -4.5080

Inverse Universe

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



89.6270, 67.5650, 91.6370



99.5010, 86.4960, 117.5040



153.0940, 80.3790, -30.5090



98.2010, 3.9880, 4.8200



65.6220, 56.7930, 77.6010



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 128.0190, -107.6040, -21.2680 looks on a white background.

Color Contrast Check

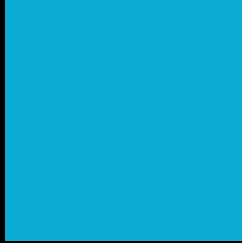
Large Text (above 18pt) WCAG AA × Fail

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 128.0190, -107.6040, -21.2680 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 128.0190, -107.6040, -21.2680 Background



This preview shows how black text looks on a background with the YIQ color 128.0190, -107.6040, -21.2680.

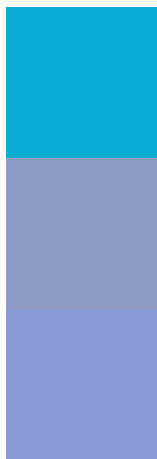


This preview shows how white text looks on a background with the YIQ color 128.0190, -107.6040, -21.2680.

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

128.0190, -107.6040, -21.2680

Protanopia

157.0260, -20.0840, 11.5640

Deuteranopia

156.1700, -29.1170, 15.5790



Tritanopia

123.5700, -108.1980, -32.5340

Trichromacy



Original Color

128.0190, -107.6040, -21.2680

Protanomaly

146.6520, -51.6260, -0.5060

Deuteranomaly

145.8240, -57.8620, 2.3780

Tritanomaly

125.0910, -108.1070, -28.6750

Monochromacy



Original Color

128.0190, -107.6040, -21.2680

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2540, -39.0620, -7.9420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.0190, -107.6040, -21.2680 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(12, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(12, 171, 211)  
}
```

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(12, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 171, 211) }
```

Border

The CSS property to change the border of an element to YIQ 128.0190, -107.6040, -21.2680 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(12, 171, 211) }
```


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

```
.border{ border-color:rgb(12, 171, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(12, 171,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 128.0190, -107.6040, -21.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 171, 211) }
```

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

```
.background{ background-color: rgb(12, 171,  
211) }
```

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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