

Converting Colors

YIQ(147.1890, -75.9680,
-21.9200)

Have a look what the booklet for
YIQ(147.1890, -75.9680, -21.9200)
contains.

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Color

**YIQ(147.1890, -75.9680,
-21.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	3DB6C2
RGB	61, 182, 194
RGB Percent	24%, 71%, 76%
CMY	0.7610, 0.2861, 0.2395
CMYK	0.69, 0.06, 0.00, 0.24
HSL	185°, 52%, 50%
HSV	185°, 69%, 76%
XYZ	28.3871, 38.3581, 56.9000
YIQ	147.1890, -75.9680, -21.9200

Conversions

Conversions Part 2

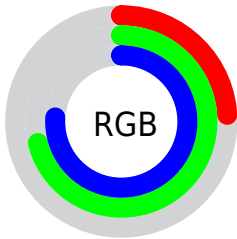
Format	Color
R _{YB}	61, 124, 194
Decimal	4044482
CIE Lab	68.28, -29.07, -15.78
CIE LCh	68, 33.078, 208.489
Yxy	38.3581, 0.2296, 0.3102
Android (android.graphics.Color)	4282234562 (0xFF3DB6C2)
YUV	147.1890, 23.0778, -75.5878
Hunter-Lab	61.9339, -26.5695, -11.1173




Details

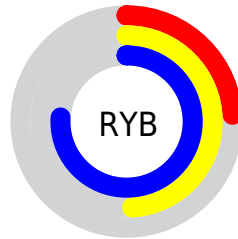
The YIQ color **147.1890, -75.9680, -21.9200** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **107.8110, 75.9680, 21.9200**, and the grayscale version is **147.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **205.5810, -71.2000, -20.2240**, and **91.6830, -80.4150, -23.9270** is the 20% darker color. If you saturate the color by 10%, you get **140.3340, -86.7420, -24.9020**, and if you desaturate by 10%, it is **154.0440, -65.1940, -18.9380**.

Distribution







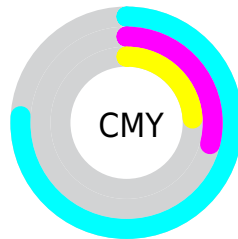
-  Red (24%)
-  Green (71%)
-  Blue (76%)






-  Red (24%)
-  Yellow (49%)
-  Blue (76%)



-  Cyan (69%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (76%)
-  Magenta (29%)
-  Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.1890, -75.9680, -21.9200 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 147.1890, -75.9680, -21.9200 by changing the saturation by 10% instead.

■ 147.1890,
-75.9680, -21.9200

■ 147.1890,
-75.9680, -21.9200

■ 255.0000, -0.0000,
-0.0000

■ 112.1160,
-92.0600, -27.6440

■ 205.5810,
-71.2000, -20.2240

■ 91.6830, -80.4150,
-23.9270

■ 225.1000,
-59.6000, -21.2000

■ 73.5710, -65.2400,
-18.1040

■ 234.0700,
-41.7200, -14.8400

■ 56.6330, -50.6150,
-13.3270

■ 243.0400,
-23.8400, -8.4800

■ 39.9230, -36.6320,
-7.9280

■ 252.3090, -5.3640,
-1.9080

■ 25.6750, -24.0700,
-4.3100

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 147.1890,
-75.9680, -21.9200

■ 147.1890,
-75.9680, -21.9200

■ 140.3340,
-86.7420, -24.9020

■ 154.0440,
-65.1940, -18.9380

■ 133.7670,
-98.3870, -28.6190

■ 161.1980,
-53.8240, -15.7440

■ 126.9120,
-109.1610, -31.6010

■ 167.4660,
-42.7750, -12.2390

■ 126.0150,
-110.9490, -32.2370

■ 174.6200,
-31.4050, -9.0450

■ 181.4750,
-20.6310, -6.0630

■ 187.7430, -9.5820,
-2.5580

■ 194.8970, 1.7880,
0.6360

■ 201.7520, 12.5620,
3.6180

■ 208.6070, 23.3360,
6.6000

Harmonies

Analogous

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



151.8310, -51.7130, -26.4730



147.1890, -75.9680, -21.9200



152.5460, -72.1190, -9.0710

Triad

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



147.1890, -75.9680, -21.9200



170.7320, 16.4550, 26.6870



164.6780, 32.6010, -12.6390

Complementary

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



147.1890, -75.9680, -21.9200



107.8110, 75.9680, 21.9200

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.



167.0100, 46.7660, 0.4780



147.1890, -75.9680, -21.9200



170.1720, 38.4630, 24.3110

Square

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



147.1890, -75.9680, -21.9200



168.5310, -13.8960, 20.5680



168.8230, 49.3310, 14.5710



161.3760, 9.7240, -22.0520

Rectangle

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



147.1890, -75.9680, -21.9200



159.0800, -55.7070, 1.8690



168.8230, 49.3310, 14.5710



165.7220, 38.4690, -8.8510

Sweetspot

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



147.1890, -75.9680, -21.9200



233.8050, -30.4880, -9.1440



140.3250, -40.1060, -66.1380



116.6710, -18.2470, -5.2150



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.



147.1890, -75.9680, -21.9200



179.5410, -118.4220, -34.4700



108.4470, -57.8180, 12.5980



93.4230, -5.6850, -1.5970



104.0560, -91.8310, -26.2870



21.3720, -18.8430, -5.4270

Inverse Universe

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



114.5610, 40.4270, 65.8270



128.4390, 62.7030, 102.6630



146.5530, 57.8180, -12.5980



91.0160, 3.0710, 4.9190



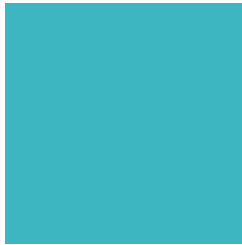
64.7830, 49.0900, 79.5380



13.2870, 10.0380, 16.3260

Previews

White Background



This preview shows how the YIQ color 147.1890, -75.9680, -21.9200 looks on a white background.

Color Contrast Check

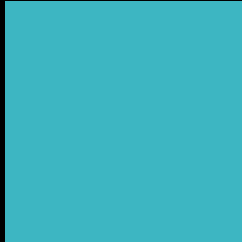
Large Text (above 18pt) WCAG AA × Fail

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 147.1890, -75.9680, -21.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

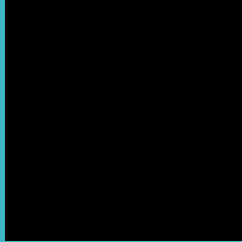
Any Text WCAG AA ✓ Pass

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 147.1890, -75.9680, -21.9200 Background



This preview shows how black text looks on a background with the YIQ color 147.1890, -75.9680, -21.9200.



This preview shows how white text looks on a background with the YIQ color 147.1890, -75.9680, -21.9200.

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

147.1890, -75.9680, -21.9200

Protanopia

165.7530, -6.3740, 5.3860

Deuteranopia

167.0010, -9.7680, 11.8320



Tritanopia

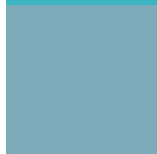
147.7160, -76.0140, -21.0860

Trichromacy



Original Color

147.1890, -75.9680, -21.9200



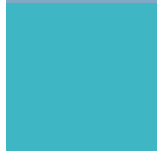
Protanomaly

159.2550, -31.6350, -4.8750



Deuteranomaly

159.6340, -34.0200, -0.1960



Tritanomaly

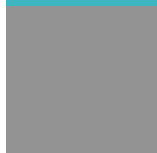
147.6020, -75.6930, -21.3970

Monochromacy



Original Color

147.1890, -75.9680, -21.9200



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

147.3000, -27.5080, -8.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.1890, -75.9680, -21.9200 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(61, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(61, 182, 194)  
}
```

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(61, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 182, 194) }
```

Border

The CSS property to change the border of an element to YIQ 147.1890, -75.9680, -21.9200 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(61, 182, 194) }
```


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

```
.border{ border-color:rgb(61, 182, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(61, 182,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 147.1890, -75.9680, -21.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 182, 194) }
```

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

```
.background{ background-color: rgb(61, 182,  
194) }
```

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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