

Converting Colors

YIQ(136.0680, -73.7690,
-12.2090)

Have a look what the booklet for
YIQ(136.0680, -73.7690, -12.2090)
contains.

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Color

**YIQ(136.0680, -73.7690,
-12.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	3AA4C5
RGB	58, 164, 197
RGB Percent	23%, 64%, 77%
CMY	0.7727, 0.3567, 0.2278
CMYK	0.71, 0.17, 0.00, 0.23
HSL	194°, 55%, 50%
HSV	194°, 71%, 77%
XYZ	25.0937, 31.4922, 57.5306
YIQ	136.0680, -73.7690, -12.2090

Conversions

Conversions Part 2

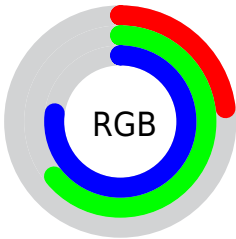
Format	Color
RYB	58, 118, 197
Decimal	3843269
CIELab	62.92, -19.42, -25.62
CIELCh	63, 32.144, 232.838
Yxy	31.4922, 0.2199, 0.2760
Android (android.graphics.Color)	4282033349 (0xFF3AA4C5)
YUV	136.0680, 30.0395, -68.4656
Hunter-Lab	56.1179, -18.3882, -21.5000

Details

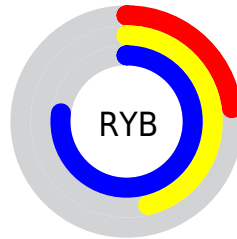
The YIQ color **136.0680, -73.7690, -12.2090** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **118.9320, 73.7690, 12.2090**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9870, -69.0470, -9.6790**, and **82.0460, -76.7030, -14.1030** is the 20% darker color. If you saturate the color by 10%, you get **127.1530, -84.3140, -13.8340**, and if you desaturate by 10%, it is **144.9830, -63.2240, -10.5840**.

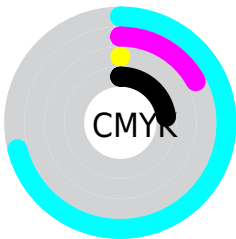
Distribution



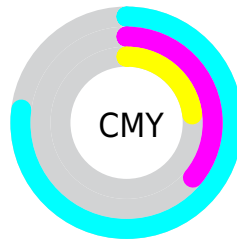
- Red (23%)
- Green (64%)
- Blue (77%)



- Red (23%)
- Yellow (46%)
- Blue (77%)



- Cyan (71%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.0680, -73.7690, -12.2090 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 136.0680, -73.7690, -12.2090 by changing the saturation by 10% instead.

■ 136.0680,
-73.7690, -12.2090

■ 136.0680,
-73.7690, -12.2090

■ 255.0000, -0.0000,
-0.0000

■ 100.9840,
-91.3280, -18.8800

■ 193.9870,
-69.0470, -9.6790

■ 82.0460, -76.7030,
-14.1030

■ 220.0940,
-59.4630, -18.1750

■ 64.9940, -61.7570,
-9.6370

■ 233.1730,
-43.5080, -15.4760

■ 48.1700, -47.4530,
-4.5490

■ 242.1430,
-25.6280, -9.1160

■ 32.5200, -33.6990,
-0.5070

■ 251.1130, -7.7480,
-2.7560

■ 16.9840, -20.2660,
3.8460

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 136.0680,
-73.7690, -12.2090

■ 136.0680,
-73.7690, -12.2090

■ 127.1530,
-84.3140, -13.8340

■ 144.9830,
-63.2240, -10.5840

■ 119.1240,
-94.5380, -15.7700

■ 153.0120,
-53.0000, -8.6480

■ 110.5080,
-104.4870, -17.1830

■ 161.9270,
-42.4550, -7.0230

■ 170.8420,
-31.9100, -5.3980

■ 178.8710,
-21.6860, -3.4620

■ 187.7860,
-11.1410, -1.8370

■ 196.7010, -0.5960,
-0.2120

■ 204.7300, 9.6280,
1.7240

■ 213.6450, 20.1730,
3.3490

Harmonies

Analogous

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



132.7010, -71.6580, -22.9380



136.0680, -73.7690, -12.2090



146.0700, -49.7470, 3.9890

Triad

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



136.0680, -73.7690, -12.2090



155.8340, 33.6030, 24.2830



147.9960, 13.8500, -19.7340

Complementary

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



136.0680, -73.7690, -12.2090



118.9320, 73.7690, 12.2090

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.



150.9280, 34.8930, -10.1230



136.0680, -73.7690, -12.2090



154.0230, 45.8920, 16.3240

Square

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



136.0680, -73.7690, -12.2090



156.1550, 10.7700, 25.0900



152.8190, 45.9860, 3.6020



144.2900, -13.5210, -24.7930

Rectangle

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



136.0680, -73.7690, -12.2090



151.8170, -29.6210, 13.6990



152.8190, 45.9860, 3.6020



148.8830, 21.5980, -16.9780

Sweetspot

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



136.0680, -73.7690, -12.2090



231.2230, -28.6090, -4.6490



143.2410, -48.4970, -62.7450



113.7360, -16.8720, -2.6000



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.



136.0680, -73.7690, -12.2090



160.1800, -115.3070, -19.3310



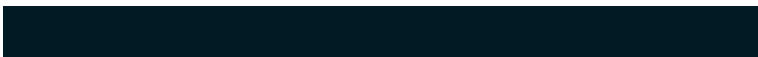
95.5650, -54.7940, 23.8780



95.1350, -4.8140, -0.8620



91.9570, -86.6980, -14.6820



19.9530, -18.9810, -2.9250

Inverse Universe

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



111.6450, 48.8180, 62.4340



121.8070, 76.0460, 97.6300



159.4350, 54.7940, -23.8780



93.4890, 3.1170, 4.0850



62.9870, 57.0230, 73.4310



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 136.0680, -73.7690, -12.2090 looks on a white background.

Color Contrast Check

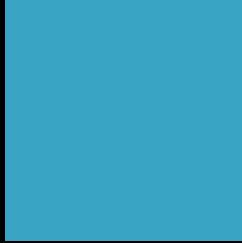
Large Text (above 18pt) WCAG AA × Fail

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 136.0680, -73.7690, -12.2090 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 136.0680, -73.7690, -12.2090 Background



This preview shows how black text looks on a background with the YIQ color 136.0680, -73.7690, -12.2090.

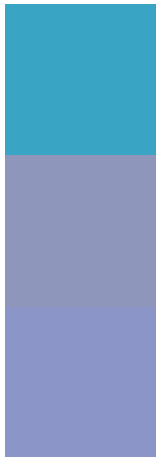


This preview shows how white text looks on a background with the YIQ color 136.0680, -73.7690, -12.2090.

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

136.0680, -73.7690, -12.2090

Protanopia

152.1250, -16.0490, 10.0230

Deuteranopia

151.8240, -22.3310, 13.7410



Tritanopia

132.6020, -75.6930, -21.3970

Trichromacy



Original Color

136.0680, -73.7690, -12.2090

Protanomaly

146.2470, -37.1840, 2.0800

Deuteranomaly

145.9740, -40.6690, 4.6670

Tritanomaly

133.8950, -74.9600, -18.1600

Monochromacy



Original Color

136.0680, -73.7690, -12.2090

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0060, -26.5000, -4.3240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0680, -73.7690, -12.2090 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(58, 164, 197)` looks like.

```
.text, #text, p{  
    color:rgb(58, 164, 197)  
}
```

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(58, 164, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 164, 197) }
```

Border

The CSS property to change the border of an element to YIQ 136.0680, -73.7690, -12.2090 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(58, 164, 197) }
```


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

```
.border{ border-color:rgb(58, 164, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 164, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 164, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 164, 197);  
box-shadow:4px 4px 4px 4px rgb(58, 164,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0680, -73.7690, -12.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 164, 197) }
```

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

```
.background{ background-color: rgb(58, 164,  
197) }
```

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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