

Converting Colors

YIQ(136.6870, -77.0700,
-12.9580)

Have a look what the booklet for
YIQ(136.6870, -77.0700, -12.9580)
contains.

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Color

**YIQ(136.6870, -77.0700,
-12.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	37A6C8
RGB	55, 166, 200
RGB Percent	22%, 65%, 78%
CMY	0.7845, 0.3488, 0.2160
CMYK	0.73, 0.17, 0.00, 0.22
HSL	194°, 57%, 50%
HSV	194°, 73%, 78%
XYZ	25.6323, 32.2661, 59.4687
YIQ	136.6870, -77.0700, -12.9580

Conversions

Conversions Part 2

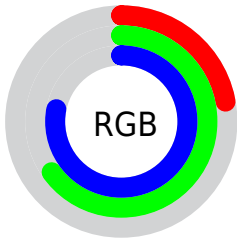
Format	Color
RYB	55, 118, 200
Decimal	3647176
CIELab	63.56, -19.90, -26.31
CIELCh	64, 32.988, 232.890
Yxy	32.2661, 0.2184, 0.2749
Android (android.graphics.Color)	4281837256 (0xFF37A6C8)
YUV	136.6870, 31.2133, -71.6395
Hunter-Lab	56.8032, -18.8581, -22.3099

Details

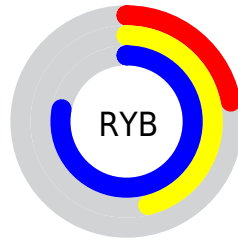
The YIQ color **136.6870, -77.0700, -12.9580** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **118.3130, 77.0700, 12.9580**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9760, -70.5140, -10.6260**, and **83.5620, -78.2160, -14.2160** is the 20% darker color. If you saturate the color by 10%, you get **127.7720, -87.6150, -14.5830**, and if you desaturate by 10%, it is **145.6020, -66.5250, -11.3330**.

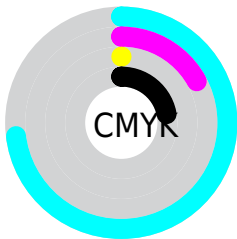
Distribution



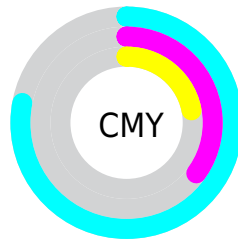
- Red (22%)
- Green (65%)
- Blue (78%)



- Red (22%)
- Yellow (46%)
- Blue (78%)



- Cyan (73%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6870, -77.0700, -12.9580 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 136.6870, -77.0700, -12.9580 by changing the saturation by 10% instead.

■ 136.6870,
-77.0700, -12.9580

■ 136.6870,
-77.0700, -12.9580

■ 255.0000, -0.0000,
-0.0000

■ 101.9020,
-94.0330, -19.4170

■ 194.9760,
-70.5140, -10.6260

■ 83.5620, -78.2160,
-14.2160

■ 220.9690,
-60.6090, -19.4330

■ 65.9230, -62.9950,
-9.2270

■ 232.8740,
-44.1040, -15.6880

■ 49.5720, -48.6450,
-4.9730

■ 241.8440,
-26.2240, -9.3280

■ 33.3350, -34.6160,
-0.4080

■ 250.8140, -8.3440,
-2.9680

■ 19.0870, -22.0540,
3.2100

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 136.6870,
-77.0700, -12.9580

■ 136.6870,
-77.0700, -12.9580

■ 127.7720,
-87.6150, -14.5830

■ 145.6020,
-66.5250, -11.3330

■ 119.4440,
-98.4350, -16.7310

■ 153.9300,
-55.7050, -9.1850

■ 112.6110,
-106.2750, -17.8190

■ 162.8450,
-45.1600, -7.5600

■ 171.7600,
-34.6150, -5.9350

■ 180.0880,
-23.7950, -3.7870

■ 189.0030,
-13.2500, -2.1620

■ 197.9180, -2.7050,
-0.5370

■ 206.2460, 8.1150,
1.6110

■ 215.1610, 18.6600,
3.2360

Harmonies

Analogous

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



133.6080, -75.8300, -24.4220



136.6870, -77.0700, -12.9580



147.7000, -51.5810, 4.1870

Triad

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



136.6870, -77.0700, -12.9580



157.5460, 34.4740, 25.0180



149.7680, 14.4920, -20.3560

Complementary

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



136.6870, -77.0700, -12.9580



118.3130, 77.0700, 12.9580

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.



152.8140, 35.2140, -10.4340



136.6870, -77.0700, -12.9580



156.6210, 47.0840, 16.7480

Square

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



136.6870, -77.0700, -12.9580



158.2690, 10.4490, 25.4010



154.8900, 47.2240, 3.1920



145.8770, -13.7960, -25.3160

Rectangle

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



136.6870, -77.0700, -12.9580



153.0450, -30.2630, 14.3210



154.8900, 47.2240, 3.1920



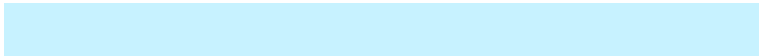
150.6550, 22.2400, -17.6000

Sweetspot

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



136.6870, -77.0700, -12.9580



230.6250, -29.8010, -5.0730



143.9910, -50.7890, -65.2610



113.1380, -18.0640, -3.0240



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.



136.6870, -77.0700, -12.9580



158.0980, -118.0120, -19.8680



94.4230, -57.2700, 24.6980



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.



111.0090, 50.7890, 65.2610



118.7580, 77.7420, 99.9340



160.5770, 57.2700, -24.6980



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 136.6870, -77.0700, -12.9580 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 136.6870, -77.0700, -12.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

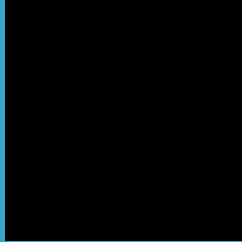
Any Text WCAG AA ✓ Pass

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 136.6870, -77.0700, -12.9580 Background



This preview shows how black text looks on a background with the YIQ color 136.6870, -77.0700, -12.9580.

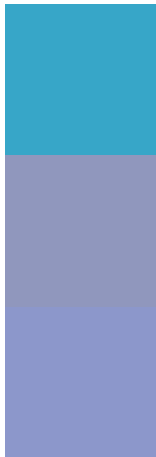


This preview shows how white text looks on a background with the YIQ color 136.6870, -77.0700, -12.9580.

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

136.6870, -77.0700, -12.9580

Protanopia

153.2390, -16.3700, 10.3340

Deuteranopia

153.6390, -23.2480, 13.8400



Tritanopia

132.6230, -80.1860, -22.5700

Trichromacy



Original Color

136.6870, -77.0700, -12.9580

Protanomaly

147.0620, -38.1010, 2.1790

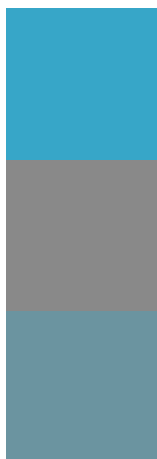
Deuteranomaly

147.1910, -42.7780, 4.3420

Tritanomaly

134.2150, -78.8570, -19.1210

Monochromacy



Original Color

136.6870, -77.0700, -12.9580

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1090, -28.2880, -4.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6870, -77.0700, -12.9580 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(55, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(55, 166, 200)  
}
```

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(55, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 166, 200) }
```

Border

The CSS property to change the border of an element to YIQ 136.6870, -77.0700, -12.9580 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(55, 166, 200) }
```


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

```
.border{ border-color:rgb(55, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(55, 166,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6870, -77.0700, -12.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 166, 200) }
```

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

```
.background{ background-color: rgb(55, 166,  
200) }
```

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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