

Converting Colors

YIQ(172.6230, -36.6280,
-30.0360)

Have a look what the booklet for
YIQ(172.6230, -36.6280, -30.0360)
contains.

YIQ(172.6230, -36.6280, -30.0360)	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(172.6230, -36.6280,
-30.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	77CAA2
RGB	119, 202, 162
RGB Percent	47%, 79%, 64%
CMY	0.5335, 0.2077, 0.3648
CMYK	0.41, 0.00, 0.20, 0.21
HSL	151°, 44%, 63%
HSV	151°, 41%, 79%
XYZ	35.2477, 48.7829, 41.7271
YIQ	172.6230, -36.6280, -30.0360

Conversions

Conversions Part 2

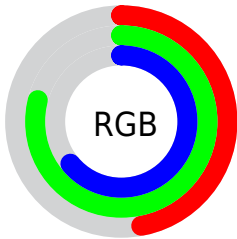
Format	Color
RYB	119, 174, 202
Decimal	7850658
CIELab	75.32, -34.38, 12.17
CIELCh	75, 36.468, 160.507
Yxy	48.7829, 0.2803, 0.3879
Android (android.graphics.Color)	4286040738 (0xFF77CAA2)
YUV	172.6230, -5.2371, -47.0274
Hunter-Lab	69.8448, -32.1470, 13.4699

Details

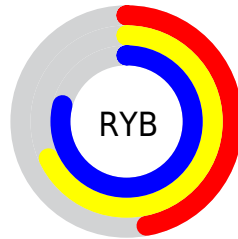
The YIQ color **172.6230, -36.6280, -30.0360** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **148.3770, 36.6280, 30.0360**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4490, -36.0780, -28.9900**, and **118.2640, -36.9950, -28.8910** is the 20% darker color. If you saturate the color by 10%, you get **165.5030, -45.3380, -37.3860**, and if you desaturate by 10%, it is **179.7430, -27.9180, -22.6860**.

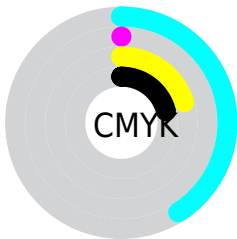
Distribution



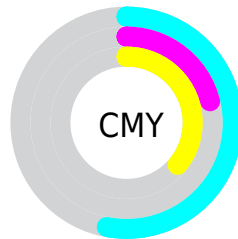
- Red (47%)
- Green (79%)
- Blue (64%)



- Red (47%)
- Yellow (68%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.6230, -36.6280, -30.0360 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 172.6230, -36.6280, -30.0360 by changing the saturation by 10% instead.

■ 172.6230,
-36.6280, -30.0360

■ 172.6230,
-36.6280, -30.0360

■ 255.0000, -0.0000,
-0.0000

■ 145.1500,
-36.6740, -29.2020

■ 226.4490,
-36.0780, -28.9900

■ 117.9650,
-37.5910, -29.1030

■ 238.3120,
-27.7820, -14.1340

■ 91.2960, -40.0210,
-29.1170

■ 248.1230,
-13.7080, -4.8760

■ 63.5340, -46.6230,
-30.6150

■ 46.8240, -32.6400,
-25.2160

■ 30.4560, -19.6200,
-18.8840

■ 15.8490, -7.4250,

-14.1210

■ 0.0000, 0.0000,
0.0000

■ 172.6230,
-36.6280, -30.0360

■ 172.6230,
-36.6280, -30.0360

■ 165.5030,
-45.3380, -37.3860

■ 179.7430,
-27.9180, -22.6860

■ 158.3830,
-54.0480, -44.7360

■ 186.7490,
-18.8870, -15.6470

■ 151.0780,
-63.6750, -51.9870

■ 194.1680, -9.5810,
-8.0850

■ 143.9580,
-72.3850, -59.3370

■ 201.2880, -0.8710,
-0.7350

■ 136.8380,
-81.0950, -66.6870

■ 208.4080, 7.8390,
6.6150

■ 130.5440,
-89.2550, -72.9910

■ 215.4140, 16.8700,
13.6540

■ 221.0390, 22.6000,
19.9440

■ 222.1790, 19.3900,
23.0540

■ 223.3190, 16.1800,
26.1640

Harmonies

Analogous

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



178.0540, -1.2330, -27.2250



172.6230, -36.6280, -30.0360



165.8270, -72.2530, -28.6770

Triad

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



172.6230, -36.6280, -30.0360



184.4510, -37.2780, 14.8020



187.0100, 55.9340, 10.5420

Complementary

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



172.6230, -36.6280, -30.0360



148.3770, 36.6280, 30.0360

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.



189.2180, 50.0170, 24.1690



172.6230, -36.6280, -30.0360



189.8640, -1.4720, 26.6880

Square

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



172.6230, -36.6280, -30.0360



173.8330, -71.2490, -2.8090



190.3700, 29.3380, 29.9940



185.2070, 47.4090, -5.6710

Rectangle

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



172.6230, -36.6280, -30.0360



163.1490, -87.6590, -24.8030



190.3700, 29.3380, 29.9940



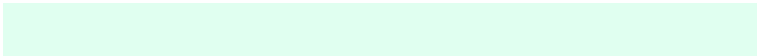
187.8730, 55.0620, 15.3340

Sweetspot

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



172.6230, -36.6280, -30.0360



244.0210, -13.6610, -11.2370



179.6810, 1.0150, -34.9290



121.5920, -7.8390, -6.6150



0.0000, 0.0000, 0.0000



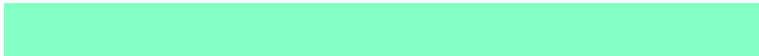
128.0000, -0.0000, -0.0000

Same Dimension

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



172.6230, -36.6280, -30.0360



210.7850, -55.2400, -45.1600



176.5960, -49.1930, -17.0730



98.4400, -4.3550, -3.6750



107.2460, -73.2560, -60.0720



24.5860, -16.8700, -13.6540

Inverse Universe

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



148.3770, 36.6280, 30.0360



174.2150, 55.2400, 45.1600



144.4040, 49.1930, 17.0730



95.5600, 4.3550, 3.6750



58.7540, 73.2560, 60.0720



13.4140, 16.8700, 13.6540

Previews

White Background



This preview shows how the YIQ color 172.6230, -36.6280, -30.0360 looks on a white background.

Color Contrast Check

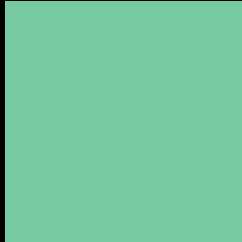
Large Text (above 18pt) WCAG AA × Fail

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 172.6230, -36.6280, -30.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

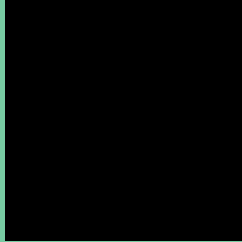
Any Text WCAG AA ✓ Pass

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 172.6230, -36.6280, -30.0360 Background



This preview shows how black text looks on a background with the YIQ color 172.6230, -36.6280, -30.0360.



This preview shows how white text looks on a background with the YIQ color 172.6230, -36.6280, -30.0360.

-30.0360.

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

172.6230, -36.6280, -30.0360

Protanopia

183.7550, 16.5070, -7.3090

Deuteranopia

186.0150, 22.0070, 3.1510



Tritanopia

177.6880, -43.2800, -8.5920

Trichromacy



Original Color

172.6230, -36.6280, -30.0360



Protanomaly

179.8340, -3.0690, -15.9730



Deuteranomaly

181.2030, 0.5060, -9.1740



Tritanomaly

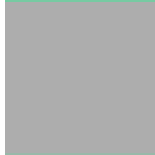
176.2010, -40.7110, -16.6070

Monochromacy



Original Color

172.6230, -36.6280, -30.0360



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

173.0210, -13.6610, -11.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.6230, -36.6280, -30.0360 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(119, 202, 162)` looks like.

```
.text, #text, p{  
    color:rgb(119, 202, 162)  
}
```

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(119, 202, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 202, 162) }
```

Border

The CSS property to change the border of an element to YIQ 172.6230, -36.6280, -30.0360 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(119, 202, 162) }
```


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

```
.border{ border-color:rgb(119, 202, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 202, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 202, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 202, 162);  
box-shadow:4px 4px 4px 4px rgb(119, 202,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 172.6230, -36.6280, -30.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 202, 162) }
```

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

```
.background{ background-color: rgb(119,  
202, 162) }
```

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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