

Converting Colors

YIQ(160.8820, -29.3870,
-12.5790)

Have a look what the booklet for
YIQ(160.8820, -29.3870, -12.5790)
contains.

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Color

**YIQ(160.8820, -29.3870,
-12.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB1AC
RGB	125, 177, 172
RGB Percent	49%, 69%, 67%
CMY	0.5099, 0.3058, 0.3256
CMYK	0.29, 0.00, 0.03, 0.31
HSL	174°, 25%, 59%
HSV	174°, 29%, 69%
XYZ	31.6228, 38.7879, 44.8354
YIQ	160.8820, -29.3870, -12.5790

Conversions

Conversions Part 2

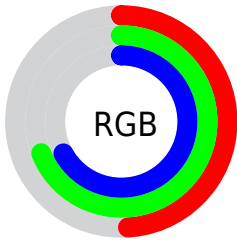
Format	Color
RYB	125, 152, 177
Decimal	8237484
CIELab	68.60, -18.18, -2.94
CIElCh	69, 18.416, 189.173
Yxy	38.7879, 0.2744, 0.3366
Android (android.graphics.Color)	4286427564 (0xFF7DB1AC)
YUV	160.8820, 5.4812, -31.4685
Hunter-Lab	62.2799, -18.3560, 0.9130

Details

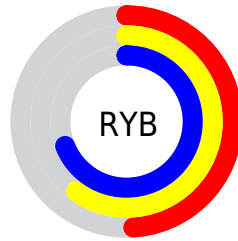
The YIQ color **160.8820, -29.3870, -12.5790** is a light color, and the websafe version is hex **669999**. A complement of this color would be **141.1180, 29.3870, 12.5790**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.1700, -30.2580, -13.3140**, and **108.5940, -28.5160, -11.8440** is the 20% darker color. If you saturate the color by 10%, you get **155.2720, -39.4730, -17.0170**, and if you desaturate by 10%, it is **166.4920, -19.3010, -8.1410**.

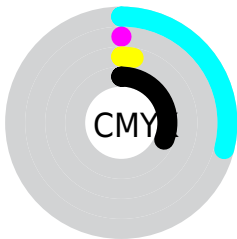
Distribution



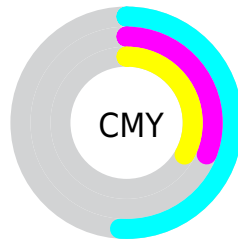
- Red (49%)
- Green (69%)
- Blue (67%)



- Red (49%)
- Yellow (60%)
- Blue (69%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.8820, -29.3870, -12.5790 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 160.8820, -29.3870, -12.5790 by changing the saturation by 10% instead.

■ 160.8820,
-29.3870, -12.5790

■ 160.8820,
-29.3870, -12.5790

■ 255.0000, -0.0000,
-0.0000

■ 134.1810,
-28.7910, -12.3670

■ 216.1700,
-30.2580, -13.3140

■ 108.2950,
-29.1120, -12.0560

■ 240.6480,
-28.6080, -10.1760

■ 83.2950, -29.1120,
-12.0560

■ 249.3190,
-11.3240, -4.0280

■ 58.6970, -30.3040,
-12.4800

■ 36.1100, -30.0290,
-11.9570

■ 21.3890, -17.5130,
-7.5050

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 160.8820,
-29.3870, -12.5790

■ 160.8820,
-29.3870, -12.5790

■ 155.2720,
-39.4730, -17.0170

■ 166.4920,
-19.3010, -8.1410

■ 150.0750,
-49.2840, -20.9320

■ 171.6890, -9.4900,
-4.2260

■ 144.4650,
-59.3700, -25.3700

■ 177.2990, 0.5960,
0.2120

■ 138.8550,
-69.4560, -29.8080

■ 182.9090, 10.6820,
4.6500

■ 133.2450,
-79.5420, -34.2460

■ 188.2200, 20.1720,
8.8760

■ 128.0480,
-89.3530, -38.1610

■ 193.7160, 30.5790,
13.0030

■ 122.4380,
-99.4390, -42.5990

■ 199.3260, 40.6650,
17.4410

■ 122.1390,
-100.0350, -42.8110

■ 201.3480, 43.5990,
19.3350

■ 201.4620, 43.2780,
19.6460

Harmonies

Analogous

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



162.2440, -15.9070, -14.5870



160.8820, -29.3870, -12.5790



161.5210, -35.4400, -7.5040

Triad

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



160.8820, -29.3870, -12.5790



169.4320, -0.7360, 13.3440



167.8210, 25.3090, -1.6270

Complementary

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



160.8820, -29.3870, -12.5790



141.1180, 29.3870, 12.5790

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.



169.3040, 28.5630, 5.4830



160.8820, -29.3870, -12.5790



170.3860, 14.0730, 14.7850

Square

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



160.8820, -29.3870, -12.5790



167.1740, -17.7450, 7.7190



170.5520, 25.1690, 11.9290



166.3310, 14.7650, -8.7790

Rectangle

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



160.8820, -29.3870, -12.5790



162.9390, -33.5610, -3.0090



170.5520, 25.1690, 11.9290



168.6580, 27.3260, 0.3660

Sweetspot

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



160.8820, -29.3870, -12.5790



223.3790, -11.5530, -5.3850



157.0190, -11.3200, -26.1360



110.9990, -7.4270, -3.0670



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



160.8820, -29.3870, -12.5790



204.8690, -45.7080, -19.6600



149.1250, -25.2170, -0.0410



86.1950, -5.0430, -2.2190



105.5430, -86.3730, -37.1010



17.8840, -14.5330, -6.4450

Inverse Universe

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



141.1180, 29.3870, 12.5790



174.1310, 45.7080, 19.6600



152.8750, 25.2170, 0.0410



82.8050, 5.0430, 2.2190



47.4570, 86.3730, 37.1010



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 160.8820, -29.3870, -12.5790 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 160.8820, -29.3870, -12.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

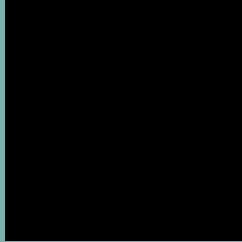
Any Text WCAG AA ✓ Pass

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 160.8820, -29.3870, -12.5790 Background



This preview shows how black text looks on a background with the YIQ color 160.8820, -29.3870, -12.5790.



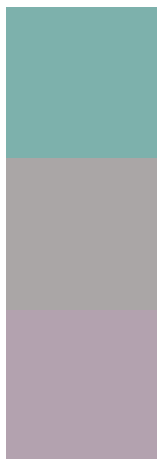
This preview shows how white text looks on a background with the YIQ color 160.8820, -29.3870, -12.5790.

-12.5790.

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

160.8820, -29.3870, -12.5790

Protanopia

167.1960, 2.3840, 0.8480

Deuteranopia

168.5650, 5.9590, 7.6470



Tritanopia

162.8420, -31.9100, -5.3980

Trichromacy



Original Color

160.8820, -29.3870, -12.5790

Protanomaly

164.9880, -8.8940, -4.0140

Deuteranomaly

165.4060, -7.0150, 0.4810

Tritanomaly

162.4460, -30.8550, -7.9990

Monochromacy



Original Color

160.8820, -29.3870, -12.5790

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.0910, -10.6820, -4.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.8820, -29.3870, -12.5790 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(125, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 177, 172)  
}
```

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(125, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 177, 172) }
```

Border

The CSS property to change the border of an element to YIQ 160.8820, -29.3870, -12.5790 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(125, 177, 172) }
```


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

```
.border{ border-color:rgb(125, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 177,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 160.8820, -29.3870, -12.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 177, 172) }
```

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

```
.background{ background-color: rgb(125,  
177, 172) }
```

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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