

Converting Colors

YIQ(152.7980, -29.7510,
-28.0150)

Have a look what the booklet for
YIQ(152.7980, -29.7510, -28.0150)
contains.

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Color

**YIQ(152.7980, -29.7510,
-28.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB38A
RGB	107, 179, 138
RGB Percent	42%, 70%, 54%
CMY	0.5806, 0.2979, 0.4589
CMYK	0.40, 0.00, 0.23, 0.30
HSL	146°, 32%, 56%
HSV	146°, 40%, 70%
XYZ	26.7694, 37.2093, 29.8076
YIQ	152.7980, -29.7510, -28.0150

Conversions

Conversions Part 2

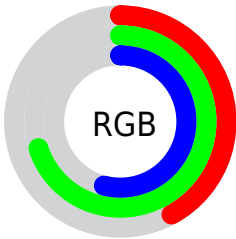
Format	Color
RYB	107, 157, 179
Decimal	7058314
CIELab	67.43, -31.88, 13.99
CIELCh	67, 34.817, 156.311
Yxy	37.2093, 0.2854, 0.3967
Android (android.graphics.Color)	4285248394 (0xFF6BB38A)
YUV	152.7980, -7.2954, -40.1648
Hunter-Lab	60.9994, -28.4150, 13.7273

Details

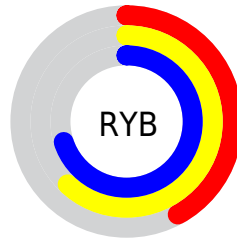
The YIQ color **152.7980, -29.7510, -28.0150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **133.2020, 29.7510, 28.0150**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9720, -30.3010, -29.0610**, and **100.1400, -30.7140, -27.0820** is the 20% darker color. If you saturate the color by 10%, you get **146.2760, -37.2690, -34.9410**, and if you desaturate by 10%, it is **159.3200, -22.2330, -21.0890**.

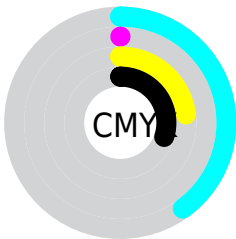
Distribution



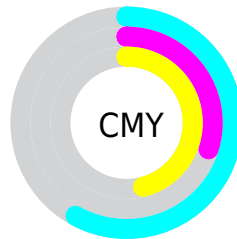
- Red (42%)
- Green (70%)
- Blue (54%)



- Red (42%)
- Yellow (62%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.7980, -29.7510, -28.0150 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 152.7980, -29.7510, -28.0150 by changing the saturation by 10% instead.

■ 152.7980,
-29.7510, -28.0150

■ 152.7980,
-29.7510, -28.0150

■ 255.0000, -0.0000,
-0.0000

■ 126.2110,
-29.4760, -27.4920

■ 207.8580,
-29.9800, -29.3720

■ 100.1400,
-30.7140, -27.0820

■ 231.1620,
-27.7800, -25.1880

■ 73.4710, -33.1440,
-27.0960

■ 243.1390,
-19.8050, -10.0210

■ 49.4000, -34.3820,
-26.6860

■ 252.6080, -4.7680,
-1.6960

■ 33.5050, -21.3160,
-21.1880

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,

0.0000

■ 152.7980,
-29.7510, -28.0150

■ 152.7980,
-29.7510, -28.0150

■ 146.2760,
-37.2690, -34.9410

■ 159.3200,
-22.2330, -21.0890

■ 139.7540,
-44.7870, -41.8670

■ 165.8420,
-14.7150, -14.1630

■ 133.1180,
-51.9840, -49.1040

■ 172.4780, -7.5180,
-6.9260

■ 126.5960,
-59.5020, -56.0300

■ 179.0000, -0.0000,
-0.0000

■ 120.0740,
-67.0200, -62.9560

■ 185.2230, 6.9220,
6.7140

■ 113.8510,
-73.9420, -69.6700

■ 191.7450, 14.4400,
13.6400

■ 198.2670, 21.9580,
20.5660

■ 204.9030, 29.1550,
27.8030

■ 207.5380, 28.9250,
31.9730

Harmonies

Analogous

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



157.7880, 2.5720, -24.5960



152.7980, -29.7510, -28.0150



145.6600, -64.4130, -27.5890

Triad

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



152.7980, -29.7510, -28.0150



161.7880, -39.8450, 11.7630



165.9110, 51.8990, 12.0830

Complementary

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



152.7980, -29.7510, -28.0150



133.2020, 29.7510, 28.0150

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.



167.5810, 44.5610, 23.9290



152.7980, -29.7510, -28.0150



167.8310, -5.8730, 23.8470

Square

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



152.7980, -29.7510, -28.0150



150.9530, -71.7070, -5.5230



168.6790, 23.9740, 28.0860



164.1900, 46.0790, -3.5930

Rectangle

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



152.7980, -29.7510, -28.0150



141.4760, -84.2660, -25.7220



168.6790, 23.9740, 28.0860



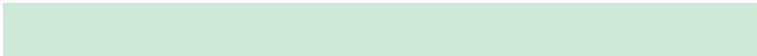
166.3610, 50.7520, 16.3520

Sweetspot

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



152.7980, -29.7510, -28.0150



221.8040, -11.5520, -10.9120



161.8220, 5.2320, -28.7520



111.1900, -6.6470, -6.1910



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



152.7980, -29.7510, -28.0150



191.6290, -45.9330, -43.1250



156.7880, -40.9860, -17.1300



85.7390, -3.7590, -3.4630



97.3350, -63.2610, -59.4930



16.5160, -10.6810, -10.1770

Inverse Universe

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



133.2020, 29.7510, 28.0150



161.3710, 45.9330, 43.1250



129.2120, 40.9860, 17.1300



83.2610, 3.7590, 3.4630



55.6650, 63.2610, 59.4930



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 152.7980, -29.7510, -28.0150 looks on a white background.

Color Contrast Check

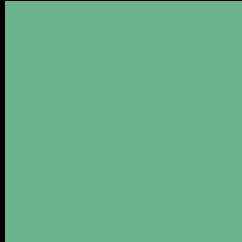
Large Text (above 18pt) WCAG AA × Fail

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 152.7980, -29.7510, -28.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

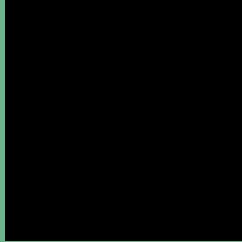
Any Text WCAG AA ✓ Pass

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 152.7980, -29.7510, -28.0150 Background



This preview shows how black text looks on a background with the YIQ color 152.7980, -29.7510, -28.0150.



This preview shows how white text looks on a background with the YIQ color 152.7980, -29.7510, -28.0150.

-28.0150.

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

152.7980, -29.7510, -28.0150

Protanopia

162.5270, 17.1490, -7.9310

Deuteranopia

164.3740, 22.3740, 2.0060



Tritanopia

158.0370, -36.9530, -7.6170

Trichromacy



Original Color

152.7980, -29.7510, -28.0150

Protanomaly

159.2150, 0.2320, -15.2240

Deuteranomaly

160.1710, 3.5320, -8.9480

Tritanomaly

156.0770, -34.4300, -14.7980

Monochromacy



Original Color

152.7980, -29.7510, -28.0150

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.6300, -11.0020, -9.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.7980, -29.7510, -28.0150 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(107, 179, 138)` looks like.

```
.text, #text, p{  
    color:rgb(107, 179, 138)  
}
```

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(107, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 179, 138) }
```

Border

The CSS property to change the border of an element to YIQ 152.7980, -29.7510, -28.0150 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

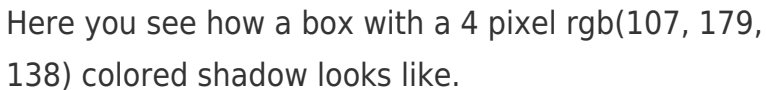
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 179, 138) }
```


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

```
.border{ border-color:rgb(107, 179, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 179, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 179, 138);  
box-shadow:4px 4px 4px 4px rgb(107, 179,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 152.7980, -29.7510, -28.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 179, 138) }
```

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

```
.background{ background-color: rgb(107,  
179, 138) }
```

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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