

Converting Colors

YIQ(79.1320, -27.0950,
-10.0630)

Have a look what the booklet for
YIQ(79.1320, -27.0950, -10.0630)
contains.

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Color

**YIQ(79.1320, -27.0950,
-10.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5D5C
RGB	47, 93, 92
RGB Percent	18%, 36%, 36%
CMY	0.8158, 0.6352, 0.6393
CMYK	0.50, 0.00, 0.01, 0.64
HSL	179°, 33%, 27%
HSV	179°, 50%, 36%
XYZ	7.0176, 9.2080, 11.5264
YIQ	79.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

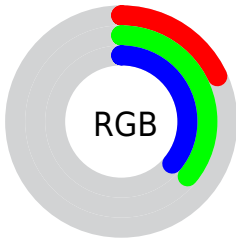
Format	Color
RYB	47, 70, 93
Decimal	3104092
CIELab	36.38, -16.02, -4.30
CIELCh	36, 16.591, 195.013
Yxy	9.2080, 0.2529, 0.3318
Android (android.graphics.Color)	4281294172 (0xFF2F5D5C)
YUV	79.1320, 6.3439, -28.1798
Hunter-Lab	30.3447, -11.8226, -1.2800

Details

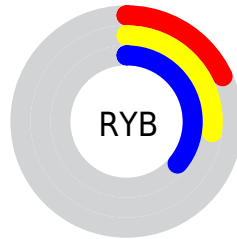
The YIQ color **79.1320, -27.0950, -10.0630** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.8680, 27.0950, 10.0630**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7190, -27.3700, -10.5860**, and **32.8330, -27.6910, -10.2750** is the 20% darker color. If you saturate the color by 10%, you get **76.4410, -32.4590, -11.9710**, and if you desaturate by 10%, it is **81.8230, -21.7310, -8.1550**.

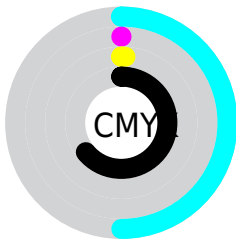
Distribution



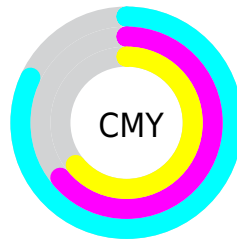
- Red (18%)
- Green (36%)
- Blue (36%)



- Red (18%)
- Yellow (27%)
- Blue (36%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (64%)



- Cyan (82%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.1320, -27.0950, -10.0630 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 79.1320, -27.0950, -10.0630 by changing the saturation by 10% instead.

■ 79.1320, -27.0950,
-10.0630

■ 79.1320, -27.0950,
-10.0630

■ 255.0000, -0.0000,
-0.0000

■ 54.5340, -28.2870,
-10.4870

■ 129.7190,
-27.3700, -10.5860

■ 32.8330, -27.6910,
-10.2750

■ 155.8330,
-27.6910, -10.2750

■ 18.8130, -15.7710,
-6.0350

■ 182.5340,
-28.2870, -10.4870

■ 0.0000, 0.0000,
0.0000

■ 210.5340,
-28.2870, -10.4870

■ 238.8220,
-29.1580, -11.2220

■ 248.4220,

-13.1120, -4.6640

■ 79.1320, -27.0950,
-10.0630

■ 79.1320, -27.0950,
-10.0630

■ 76.4410, -32.4590,
-11.9710

■ 81.8230, -21.7310,
-8.1550

■ 73.4510, -38.4190,
-14.0910

■ 84.8130, -15.7710,
-6.0350

■ 70.6460, -43.4620,
-16.3100

■ 87.6180, -10.7280,
-3.8160

■ 67.9550, -48.8260,
-18.2180

■ 90.3090, -5.3640,
-1.9080

■ 64.9650, -54.7860,
-20.3380

■ 93.0000, -0.0000,
-0.0000

■ 95.9900, 5.9600,
2.1200

■ 98.6810, 11.3240,
4.0280

■ 101.4860, 16.3670,
6.2470

■ 104.4760, 22.3270,
8.3670

Harmonies

Analogous

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



80.8250, -16.0450, -12.0850



79.1320, -27.0950, -10.0630



79.9130, -30.6720, -5.8080

Triad

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



79.1320, -27.0950, -10.0630



87.5200, 1.8320, 10.8560



85.1730, 18.3860, -2.8140

Complementary

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



79.1320, -27.0950, -10.0630



60.8680, 27.0950, 10.0630

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.



86.3140, 22.6030, 3.3630



79.1320, -27.0950, -10.0630



88.0930, 13.3400, 11.5480

Square

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



79.1320, -27.0950, -10.0630



85.8710, -12.5180, 6.6020



87.4050, 21.0890, 8.7770



84.2210, 9.2630, -8.1850

Rectangle

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



79.1320, -27.0950, -10.0630



81.4020, -27.5550, -1.7230



87.4050, 21.0890, 8.7770



86.0100, 20.4030, -0.8210

Sweetspot

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



79.1320, -27.0950, -10.0630



114.5040, -10.4070, -4.1270



74.6000, -11.4580, -23.6340



57.7110, -6.5560, -2.3320



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



79.1320, -27.0950, -10.0630



98.5430, -41.6740, -15.6740



66.9190, -21.6410, 1.2310



44.5050, -2.9800, -1.0600



76.7680, -64.5970, -24.2530



165.5670, -139.6470, -51.7990

Inverse Universe

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



60.8680, 27.0950, 10.0630



70.4570, 41.6740, 15.6740



73.0810, 21.6410, -1.2310



42.4950, 2.9800, 1.0600



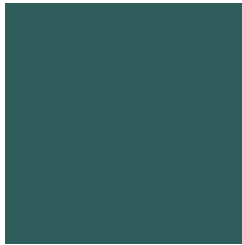
33.1180, 64.9180, 23.9420



71.4330, 139.6470, 51.7990

Previews

White Background



This preview shows how the YIQ color 79.1320, -27.0950, -10.0630 looks on a white background.

Color Contrast Check

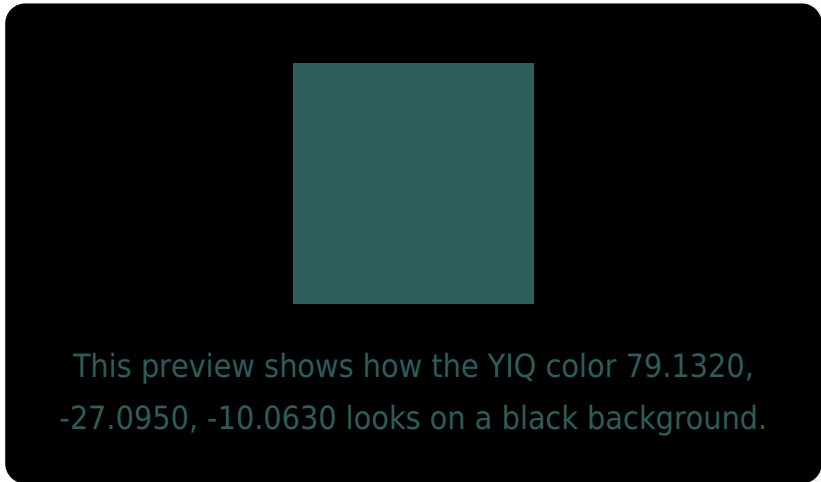
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

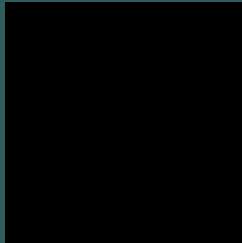
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 79.1320, -27.0950, -10.0630

Background



This preview shows how black text looks on a background with the YIQ color 79.1320, -27.0950, -10.0630.



This preview shows how white text looks on a background with the YIQ color 79.1320, -27.0950,

-10.0630.

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

79.1320, -27.0950, -10.0630

Protanopia

85.5270, -0.0460, 0.8340

Deuteranopia

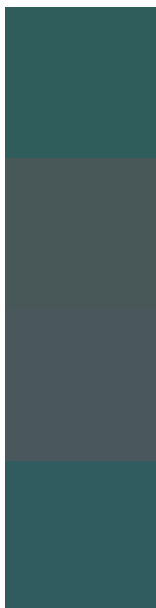
86.0480, 0.0450, 4.6930



Tritanopia

79.9410, -27.8750, -6.9390

Trichromacy



Original Color

79.1320, -27.0950, -10.0630

Protanomaly

83.3300, -9.8570, -3.0810

Deuteranomaly

83.7970, -9.6740, -0.8900

Tritanomaly

79.3000, -27.5080, -8.0840

Monochromacy



Original Color

79.1320, -27.0950, -10.0630

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9170, -10.1320, -3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1320, -27.0950, -10.0630 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(47, 93, 92)` looks like.

```
.text, #text, p{  
    color:rgb(47, 93, 92)  
}
```

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(47, 93, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 93, 92) }
```

Border

The CSS property to change the border of an element to YIQ 79.1320, -27.0950, -10.0630 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(47, 93, 92) }
```


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

```
.border{ border-color:rgb(47, 93, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 93, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 93, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 93, 92);  
box-shadow:4px 4px 4px 4px rgb(47, 93, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.1320, -27.0950, -10.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 93, 92) }
```

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

```
.background{ background-color: rgb(47, 93,  
92) }
```

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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