

Converting Colors

YIQ(67.9920, -14.7170, -3.1090)

Have a look what the booklet for
YIQ(67.9920, -14.7170, -3.1090)
contains.

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Color

**YIQ(67.9920, -14.7170,
-3.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	344A4F
RGB	52, 74, 79
RGB Percent	20%, 29%, 31%
CMY	0.7961, 0.7098, 0.6903
CMYK	0.34, 0.06, 0.00, 0.69
HSL	191°, 21%, 26%
HSV	191°, 34%, 31%
XYZ	5.2756, 6.1928, 8.3114
YIQ	67.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

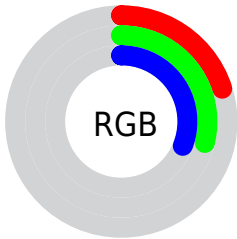
Format	Color
RYB	52, 64, 79
Decimal	3426895
CIELab	29.89, -7.09, -5.71
CIELCh	30, 9.105, 218.862
Yxy	6.1928, 0.2667, 0.3131
Android (android.graphics.Color)	4281616975 (0xFF344A4F)
YUV	67.9920, 5.4269, -14.0250
Hunter-Lab	24.8854, -5.7078, -2.3823

Details

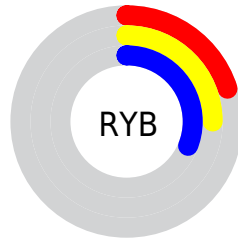
The YIQ color **67.9920, -14.7170, -3.1090** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.0080, 14.7170, 3.1090**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6930, -15.3130, -3.3210**, and **23.9920, -14.7170, -3.1090** is the 20% darker color. If you saturate the color by 10%, you get **65.0130, -19.2100, -4.2820**, and if you desaturate by 10%, it is **70.9710, -10.2240, -1.9360**.

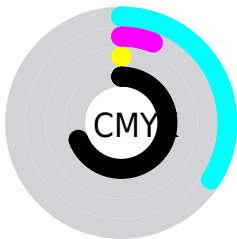
Distribution



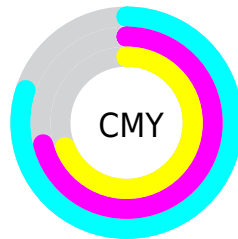
- Red (20%)
- Green (29%)
- Blue (31%)



- Red (20%)
- Yellow (25%)
- Blue (31%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.9920, -14.7170, -3.1090 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 67.9920, -14.7170, -3.1090 by changing the saturation by 10% instead.

67.9920, -14.7170,
-3.1090

67.9920, -14.7170,
-3.1090

255.0000, -0.0000,
-0.0000

45.2910, -14.1210,
-2.8970

116.6930,
-15.3130, -3.3210

23.9920, -14.7170,
-3.1090

141.8070,
-15.6340, -3.0100

2.0690, -4.4480,
3.5200

168.5080,
-16.2300, -3.2220

0.0000, 0.0000,
0.0000

196.0950,
-16.5050, -3.7450

223.9100,
-17.4220, -3.6460

248.7210,

-12.5160, -4.4520

■ 67.9920, -14.7170,
-3.1090

■ 67.9920, -14.7170,
-3.1090

■ 65.0130, -19.2100,
-4.2820

■ 70.9710, -10.2240,
-1.9360

■ 61.4470, -23.4280,
-4.9320

■ 74.5370, -6.0060,
-1.2860

■ 58.4680, -27.9210,
-6.1050

■ 77.5160, -1.5130,
-0.1130

■ 54.9020, -32.1390,
-6.7550

■ 81.0820, 2.7050,
0.5370

■ 51.9230, -36.6320,
-7.9280

■ 83.7620, 6.6020,
1.4980

■ 48.6560, -40.2540,
-8.3660

■ 87.3280, 10.8200,
2.1480

■ 46.5740, -42.9590,
-8.9030

■ 90.3070, 15.3130,
3.3210

■ 93.8730, 19.5310,
3.9710

■ 96.8520, 24.0240,
5.1440

Harmonies

Analogous

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



68.0800, -12.1490, -5.5970



67.9920, -14.7170, -3.1090



69.3560, -12.7460, -0.2820

Triad

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



67.9920, -14.7170, -3.1090



71.6250, 5.7300, 6.2900



70.1870, 6.6030, -4.0290

Complementary

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



67.9920, -14.7170, -3.1090



63.0080, 14.7170, 3.1090

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.



70.6330, 11.2790, -0.6650



67.9920, -14.7170, -3.1090



71.4360, 10.6360, 5.4840

Square

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



67.9920, -14.7170, -3.1090



71.2760, -0.5970, 5.3150



71.2250, 12.6080, 2.7840



69.3110, 0.3220, -5.8380

Rectangle

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



67.9920, -14.7170, -3.1090



69.7910, -9.5370, 2.1350



71.2250, 12.6080, 2.7840



70.1980, 8.0700, -3.0820

Sweetspot

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



67.9920, -14.7170, -3.1090



97.8360, -5.4100, -1.0740



68.4190, -9.0300, -12.5660



48.6190, -3.3010, -0.7490



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



67.9920, -14.7170, -3.1090



84.7460, -22.8320, -4.7200



60.3610, -11.1420, 3.6900



36.8040, -2.3840, -0.8480



60.3490, -55.5670, -11.6870



135.9890, -125.2550, -26.2710

Inverse Universe

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



62.5810, 9.0300, 12.5660



76.4340, 14.1180, 19.4780



70.6390, 11.1420, -3.6900



35.6520, 1.1000, 2.0920



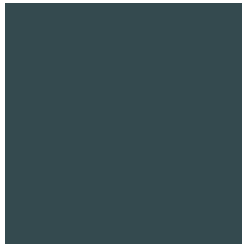
39.9600, 34.1490, 47.4370



90.0880, 77.0530, 106.9170

Previews

White Background



This preview shows how the YIQ color 67.9920, -14.7170, -3.1090 looks on a white background.

Color Contrast Check

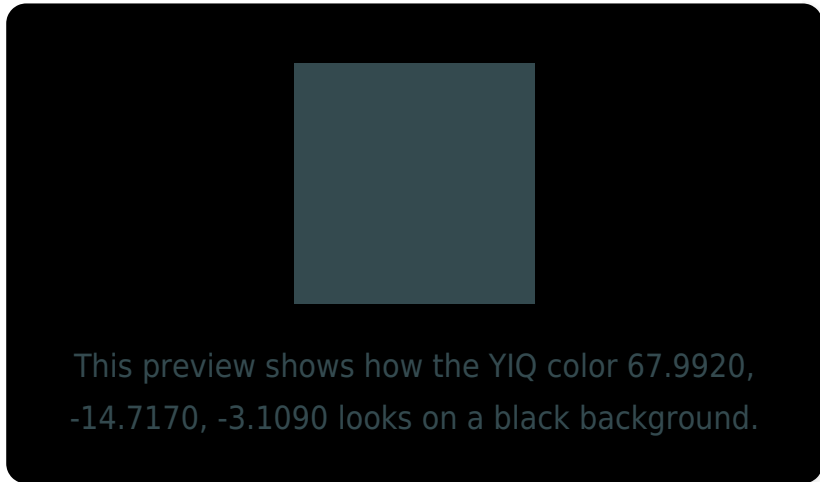
Large Text (above 18pt) WCAG AA ✓ Pass

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

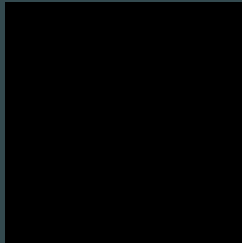
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.9920, -14.7170, -3.1090

Background



This preview shows how black text looks on a background with the YIQ color 67.9920, -14.7170, -3.1090.



This preview shows how white text looks on a background with the YIQ color 67.9920, -14.7170,

-3.1090.

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

67.9920, -14.7170, -3.1090

Protanopia

70.6840, -1.9260, 1.8660

Deuteranopia

70.5640, -1.4680, 4.5800



Tritanopia

68.1060, -15.0380, -2.7980

Trichromacy



Original Color

67.9920, -14.7170, -3.1090

Protanomaly

69.2920, -6.6940, 0.1700

Deuteranomaly

69.6450, -6.1900, 2.0500

Tritanomaly

68.1060, -15.0380, -2.7980

Monochromacy



Original Color

67.9920, -14.7170, -3.1090

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.8360, -5.4100, -1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.9920, -14.7170, -3.1090 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(52, 74, 79)` looks like.

```
.text, #text, p{  
    color:rgb(52, 74, 79)  
}
```

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(52, 74, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 74, 79) }
```

Border

The CSS property to change the border of an element to YIQ 67.9920, -14.7170, -3.1090 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(52, 74, 79) }
```


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

```
.border{ border-color:rgb(52, 74, 79) }
```

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

Here you see how a box with a 4 pixel rgb(52, 74, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 74, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 74, 79);  
box-shadow:4px 4px 4px 4px rgb(52, 74, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.9920, -14.7170, -3.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 74, 79) }
```

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

```
.background{ background-color: rgb(52, 74,  
79) }
```

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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