

Converting Colors

YIQ(69.9940, -17.0580, 11.7900)

Have a look what the booklet for
YIQ(69.9940, -17.0580, 11.7900)
contains.

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Color

**YIQ(69.9940, -17.0580,
11.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	3D436D
RGB	61, 67, 109
RGB Percent	24%, 26%, 43%
CMY	0.7608, 0.7372, 0.5726
CMYK	0.44, 0.39, 0.00, 0.57
HSL	232°, 28%, 33%
HSV	232°, 44%, 43%
XYZ	6.6909, 6.1104, 15.2876
YIQ	69.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

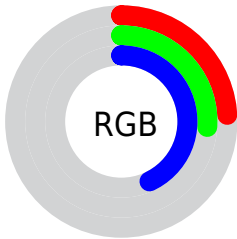
Format	Color
R _Y B	61, 66, 109
Decimal	4014957
CIE Lab	29.69, 9.52, -25.17
CIE LCh	30, 26.913, 290.705
Yxy	6.1104, 0.2382, 0.2175
Android (android.graphics.Color)	4282205037 (0xFF3D436D)
YUV	69.9940, 19.2300, -7.8877
Hunter-Lab	24.7192, 5.0571, -19.3644

Details

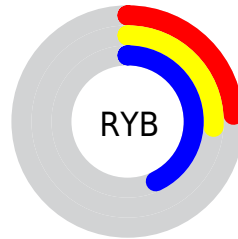
The YIQ color **69.9940, -17.0580, 11.7900** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **100.0060, 17.0580, -11.7900**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0480, -17.1500, 13.4580**, and **24.9180, -19.9000, 8.2280** is the 20% darker color. If you saturate the color by 10%, you get **60.8350, -20.8640, 14.6880**, and if you desaturate by 10%, it is **79.1530, -13.2520, 8.8920**.

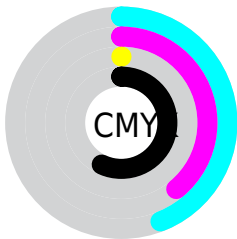
Distribution



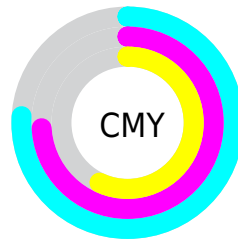
- Red (24%)
- Green (26%)
- Blue (43%)



- Red (24%)
- Yellow (26%)
- Blue (43%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (74%)
- Yellow (57%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.9940, -17.0580, 11.7900 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 69.9940, -17.0580, 11.7900 by changing the saturation by 10% instead.

■ 69.9940, -17.0580,
11.7900

■ 69.9940, -17.0580,
11.7900

■ 255.0000, -0.0000,
-0.0000

■ 47.0540, -17.2870,
10.4330

■ 119.0480,
-17.1500, 13.4580

■ 24.9180, -19.9000,
8.2280

■ 144.5750,
-17.1960, 14.2920

■ 4.4460, -12.5190,
12.1290

■ 171.6890,
-17.5170, 14.6030

■ 2.5250, -5.7320,
4.7640

■ 198.8030,
-17.8380, 14.9140

■ 0.0000, 0.0000,
0.0000

■ 224.8650,
-12.3810, 9.6270

■ 249.9720, -2.7970,

1.1310

■ 69.9940, -17.0580,
11.7900

■ 69.9940, -17.0580,
11.7900

■ 60.8350, -20.8640,
14.6880

■ 79.1530, -13.2520,
8.8920

■ 52.2630, -24.9450,
17.0630

■ 87.7250, -9.1710,
6.5170

■ 43.1040, -28.7510,
19.9610

■ 96.8840, -5.3650,
3.6190

■ 34.5320, -32.8320,
22.3360

■ 105.4560, -1.2840,
1.2440

■ 25.6720, -36.0420,
25.4460

■ 114.3160, 1.9260,
-1.8660

■ 20.6440, -38.8390,
26.5770

■ 122.8880, 6.0070,
-4.2410

■ 132.0470, 9.8130,
-7.1390

■ 140.6190, 13.8940,
-9.5140

■ 149.7780, 17.7000,
-12.4120

Harmonies

Analogous

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



58.7830, -50.6170, -2.2730



69.9940, -17.0580, 11.7900



72.3020, 5.6820, 18.1780

Triad

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



69.9940, -17.0580, 11.7900



69.7620, 32.9650, 2.7970



54.1420, -42.2230, -22.2470

Complementary

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



69.9940, -17.0580, 11.7900



100.0060, 17.0580, -11.7900

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.



63.8440, -9.0290, -18.0930



69.9940, -17.0580, 11.7900



68.8330, 25.0350, -7.6770

Square

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



69.9940, -17.0580, 11.7900



70.0860, 32.4130, 12.8050



66.4890, 11.1440, -14.7440



56.5360, -48.9640, -15.7160

Rectangle

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



69.9940, -17.0580, 11.7900



71.4730, 18.3820, 19.2940



66.4890, 11.1440, -14.7440



59.5090, -27.1390, -20.2830

Sweetspot

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



69.9940, -17.0580, 11.7900



127.9270, -6.9240, 4.3400



93.9640, -26.6820, -12.0420



61.8410, -3.8060, 2.8980



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



69.9940, -17.0580, 11.7900



81.5340, -27.1460, 18.4060



71.8540, -4.6800, 18.7440



49.2710, -2.2010, 1.3430



22.1430, -41.6820, 28.5420



46.1270, -87.1700, 59.9820

Inverse Universe

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



76.0360, 26.6820, 12.0420



90.8640, 42.0860, 19.2220



98.1460, 4.6800, -18.7440



49.9080, 3.2550, 1.5830



36.6930, 64.9170, 29.4690



76.7890, 136.0690, 61.5810

Previews

White Background



This preview shows how the YIQ color 69.9940, -17.0580, 11.7900 looks on a white background.

Color Contrast Check

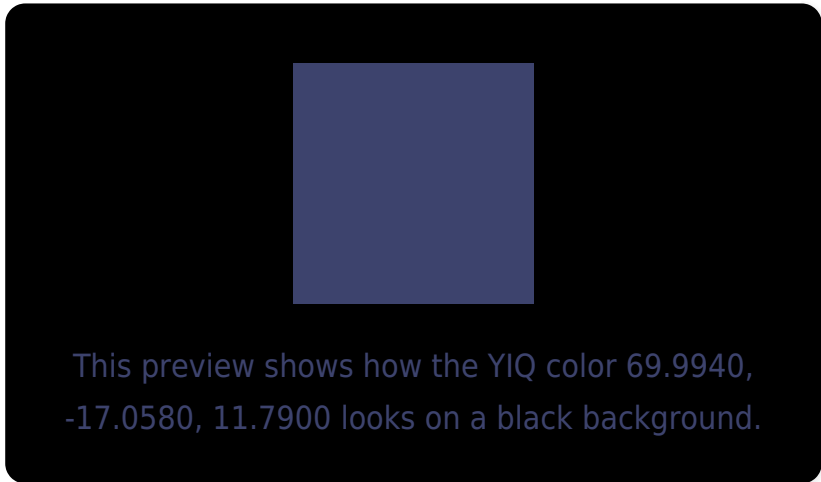
Large Text (above 18pt) WCAG AA ✓ Pass

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

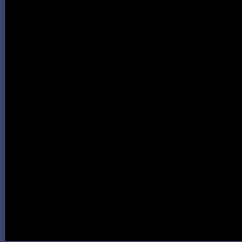
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.9940, -17.0580, 11.7900

Background



This preview shows how black text looks on a background with the YIQ color 69.9940, -17.0580, 11.7900.



This preview shows how white text looks on a background with the YIQ color 69.9940, -17.0580,

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

69.9940, -17.0580, 11.7900

Protanopia

69.1890, -22.1010, 9.5710

Deuteranopia

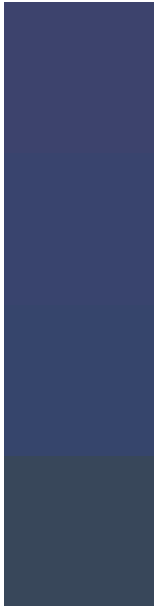
68.3520, -24.1180, 7.5780



Tritanopia

67.7040, -13.8460, -2.3740

Trichromacy



Original Color

69.9940, -17.0580, 11.7900

Protanomaly

69.4990, -20.0380, 10.7300

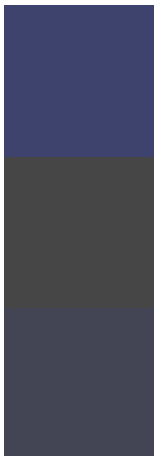
Deuteranomaly

68.9610, -21.4590, 8.9490

Tritanomaly

68.6810, -15.0390, 2.7290

Monochromacy



Original Color

69.9940, -17.0580, 11.7900

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.9940, -17.0580, 11.7900 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(61, 67, 109)` looks like.

```
.text, #text, p{  
    color:rgb(61, 67, 109)  
}
```

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(61, 67, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 67, 109) }
```

Border

The CSS property to change the border of an element to YIQ 69.9940, -17.0580, 11.7900 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(61, 67, 109) }
```


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

```
.border{ border-color:rgb(61, 67, 109) }
```

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

Here you see how a box with a 4 pixel rgb(61, 67, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 67, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 67, 109);  
box-shadow:4px 4px 4px 4px rgb(61, 67,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 69.9940, -17.0580, 11.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 67, 109) }
```

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

```
.background{ background-color: rgb(61, 67,  
109) }
```

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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