

Converting Colors

YIQ(70.2120, -11.7400, 14.5320)

Have a look what the booklet for
YIQ(70.2120, -11.7400, 14.5320)
contains.

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Color

**YIQ(70.2120, -11.7400,
14.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	44406C
RGB	68, 64, 108
RGB Percent	27%, 25%, 42%
CMY	0.7333, 0.7490, 0.5765
CMYK	0.37, 0.41, 0.00, 0.58
HSL	245°, 26%, 34%
HSV	245°, 41%, 42%
XYZ	6.9235, 5.9782, 14.9706
YIQ	70.2120, -11.7400, 14.5320

Conversions

Conversions Part 2

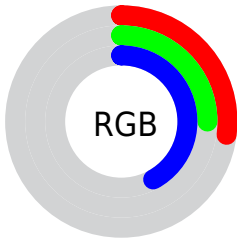
Format	Color
R_{YB}	68, 64, 108
Decimal	4472940
CIE Lab	29.36, 13.31, -25.02
CIE LCh	29, 28.344, 298.011
Yxy	5.9782, 0.2484, 0.2145
Android (android.graphics.Color)	4282663020 (0xFF44406C)
YUV	70.2120, 18.6295, -1.9399
Hunter-Lab	24.4503, 7.7575, -19.1873

Details

The YIQ color **70.2120, -11.7400, 14.5320** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **101.7880, 11.7400, -14.5320**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2660, -11.8320, 16.2000**, and **26.0330, -12.7940, 11.6060** is the 20% darker color. If you saturate the color by 10%, you get **60.7650, -14.6750, 18.1650**, and if you desaturate by 10%, it is **79.6590, -8.8050, 10.8990**.

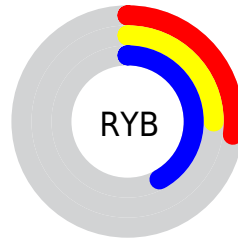
Distribution



Red (27%)

Green (25%)

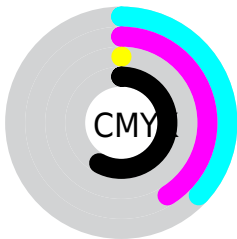
Blue (42%)



Red (27%)

Yellow (25%)

Blue (42%)

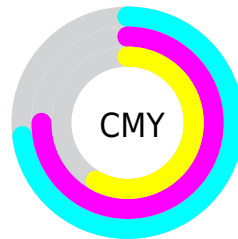


Cyan (37%)

Magenta (41%)

Yellow (0%)

Black (58%)



Cyan (73%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.2120, -11.7400, 14.5320 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 70.2120, -11.7400, 14.5320 by changing the saturation by 10% instead.

70.2120, -11.7400,
14.5320

70.2120, -11.7400,
14.5320

255.0000, -0.0000,
-0.0000

47.3860, -12.2900,
13.4860

119.2660,
-11.8320, 16.2000

26.0330, -12.7940,
11.6060

144.7930,
-11.8780, 17.0340

4.3320, -12.1980,
11.8180

171.3200,
-11.9240, 17.8680

2.2970, -5.0900,
4.1420

198.4340,
-12.2450, 18.1790

0.0000, 0.0000,
0.0000

224.9090, -6.5130,
13.4150

250.3040, 2.2000,

4.1840

■ 70.2120, -11.7400,
14.5320

■ 70.2120, -11.7400,
14.5320

■ 60.7650, -14.6750,
18.1650

■ 79.6590, -8.8050,
10.8990

■ 51.3180, -17.6100,
21.7980

■ 89.1060, -5.8700,
7.2660

■ 42.7570, -20.2240,
25.1200

■ 97.6670, -3.2560,
3.9440

■ 33.3100, -23.1590,
28.7530

■ 107.1140, -0.3210,
0.3110

■ 23.8630, -26.0940,
32.3860

■ 116.5610, 2.6140,
-3.3220

■ 15.3020, -28.7080,
35.7080

■ 126.0080, 5.5490,
-6.9550

■ 135.4550, 8.4840,
-10.5880

■ 144.3150, 11.6940,
-13.6980

■ 153.4630, 14.0330,
-17.5430

Harmonies

Analogous

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



61.4250, -43.5570, 1.9390



70.2120, -11.7400, 14.5320



71.2920, 11.6420, 20.2980

Triad

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



70.2120, -11.7400, 14.5320



68.1810, 33.1030, 0.2950



54.5980, -43.5070, -21.0030

Complementary

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



70.2120, -11.7400, 14.5320



101.7880, 11.7400, -14.5320

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.



60.7830, -16.2270, -19.8030



70.2120, -11.7400, 14.5320



66.8820, 23.3390, -9.9810

Square

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



70.2120, -11.7400, 14.5320



68.8150, 34.6140, 11.4620



64.9830, 6.6970, -16.7510



57.1060, -50.5690, -14.1610

Rectangle

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



70.2120, -11.7400, 14.5320



70.3380, 23.1960, 20.1560



64.9830, 6.6970, -16.7510



53.6860, -40.9390, -23.4910

Sweetspot

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



70.2120, -11.7400, 14.5320



125.5360, -4.2650, 5.7110



92.4960, -25.1240, -7.2360



62.4390, -2.6140, 3.3220



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.



70.2120, -11.7400, 14.5320



81.5460, -18.2520, 22.4200



76.7900, 1.3720, 19.1960



48.9830, -1.3300, 2.0780



16.6270, -31.0010, 38.7190



34.5080, -65.5330, 80.8590

Inverse Universe

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



81.7160, 13.3840, 21.7680



99.4000, 20.6260, 33.6980



95.2100, -1.3720, -19.1960



50.3640, 1.9710, 2.8270



47.1810, 35.3850, 58.0810



98.5630, 74.7580, 120.9820

Previews

White Background



This preview shows how the YIQ color 70.2120, -11.7400, 14.5320 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



This preview shows how the YIQ color 70.2120, -11.7400, 14.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

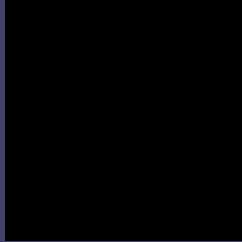
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.2120, -11.7400, 14.5320

Background



This preview shows how black text looks on a background with the YIQ color 70.2120, -11.7400, 14.5320.



This preview shows how white text looks on a background with the YIQ color 70.2120, -11.7400,

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

70.2120, -11.7400, 14.5320

Protanopia

68.1180, -23.3390, 9.9810

Deuteranopia

67.6510, -23.5220, 7.7900



Tritanopia

68.5800, -7.5650, -0.5650

Trichromacy



Original Color

70.2120, -11.7400, 14.5320

Protanomaly

69.2110, -19.1670, 11.4650

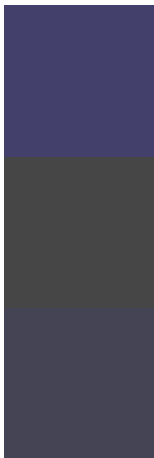
Deuteranomaly

68.5700, -18.8000, 10.3200

Tritanomaly

69.0840, -8.8040, 5.3720

Monochromacy



Original Color

70.2120, -11.7400, 14.5320

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1230, -4.5400, 5.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.2120, -11.7400, 14.5320 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(68, 64, 108)` looks like.

```
.text, #text, p{  
    color:rgb(68, 64, 108)  
}
```

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(68, 64, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 64, 108) }
```

Border

The CSS property to change the border of an element to YIQ 70.2120, -11.7400, 14.5320 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(68, 64, 108) }
```


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

```
.border{ border-color:rgb(68, 64, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 64, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 64, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 64, 108);  
box-shadow:4px 4px 4px 4px rgb(68, 64,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 70.2120, -11.7400, 14.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 64, 108) }
```

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

```
.background{ background-color: rgb(68, 64,  
108) }
```

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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