

Converting Colors

YIQ(58.6070, -70.6660, 69.2540)

Have a look what the booklet for
YIQ(58.6070, -70.6660, 69.2540)
contains.

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Color

**YIQ(58.6070, -70.6660,
69.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	2221FF
RGB	34, 33, 255
RGB Percent	13%, 13%, 100%
CMY	0.8664, 0.8706, 0.0005
CMYK	0.87, 0.87, 0.00, 0.00
HSL	240°, 100%, 56%
HSV	240°, 87%, 100%
XYZ	19.2362, 8.6410, 95.1644
YIQ	58.6070, -70.6660, 69.2540

Conversions

Conversions Part 2

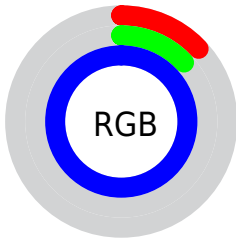
Format	Color
RYB	34, 33, 255
Decimal	2236927
CIELab	35.28, 72.51, -102.80
CIELCh	35, 125.800, 305.197
Yxy	8.6410, 0.1563, 0.0702
Android (android.graphics.Color)	4280427007 (0xFF2221FF)
YUV	58.6070, 96.8217, -21.5803
Hunter-Lab	29.3956, 65.3664, -171.3671

Details

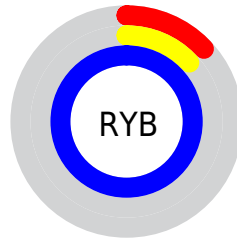
The YIQ color **58.6070, -70.6660, 69.2540** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **229.3930, 70.6660, -69.2540**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6990, -30.3630, 60.2050**, and **22.3440, -62.9160, 60.9560** is the 20% darker color. If you saturate the color by 10%, you get **36.4570, -78.6910, 77.0290**, and if you desaturate by 10%, it is **80.7570, -62.6410, 61.4790**.

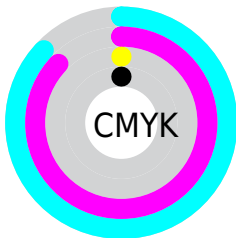
Distribution



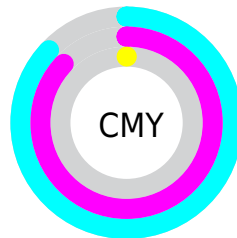
- Red (13%)
- Green (13%)
- Blue (100%)



- Red (13%)
- Yellow (13%)
- Blue (100%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.6070, -70.6660, 69.2540 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 58.6070, -70.6660, 69.2540 by changing the saturation by 10% instead.

■ 58.6070, -70.6660,
69.2540

■ 58.6070, -70.6660,
69.2540

■ 255.0000, -0.0000,
-0.0000

■ 25.6500, -72.2250,
69.9750

■ 118.6990,
-30.3630, 60.2050

■ 22.3440, -62.9160,
60.9560

■ 144.4260,
-16.6530, 54.0270

■ 19.1520, -53.9280,
52.2480

■ 170.1420, -4.4100,
46.9020

■ 15.9600, -44.9400,
43.5400

■ 196.4450, 7.5580,
39.2540

■ 21.2140, -40.4440,
28.1320

■ 220.9540, 15.9500,
30.3340

■ 17.0760, -31.5480,
21.0920

■ 237.9770, 7.9750,

■ 11.2910, -22.1480,

15.1670

15.9320

■ 6.4350, -13.9860,
11.1820

■ 2.6390, -6.0530,
5.0750

■ 58.6070, -70.6660,
69.2540

■ 58.6070, -70.6660,
69.2540

■ 36.4570, -78.6910,
77.0290

■ 80.7570, -62.6410,
61.4790

■ 29.3690, -81.2590,
79.5170

■ 103.7930,
-54.2950, 53.3930

■ 125.9430,
-46.2700, 45.6180

■ 148.9790,
-37.9240, 37.5320

■ 171.1290,
-29.8990, 29.7570

■ 193.8660,
-22.1490, 21.4590

■ 216.3150,
-13.5280, 13.8960

■ 239.0520, -5.7780,
5.5980

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



87.1830, -109.0800, 27.5280



58.6070, -70.6660, 69.2540



80.3760, 67.0140, 96.1180

Triad

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



58.6070, -70.6660, 69.2540



64.8850, 90.3190, 20.6470



77.0300, -62.5790, -27.7870

Complementary

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



58.6070, -70.6660, 69.2540



229.3930, 70.6660, -69.2540

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.



63.9830, -29.9750, -57.0070



58.6070, -70.6660, 69.2540



77.0820, 27.9270, -27.0570

Square

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



58.6070, -70.6660, 69.2540



65.1820, 129.9280, 46.2160



61.0480, -28.6000, -54.3920



91.0060, -96.4210, 1.8430

Rectangle

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



58.6070, -70.6660, 69.2540



81.8220, 106.0800, 81.9520



61.0480, -28.6000, -54.3920



72.4530, -51.0690, -38.1490

Sweetspot

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



58.6070, -70.6660, 69.2540



196.5240, -21.1860, 20.5260



188.6220, -132.3120, -47.0640



92.5600, -12.8400, 12.4400



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



58.6070, -70.6660, 69.2540



29.3690, -81.2590, 79.5170



91.4970, -5.1060, 92.5740



116.4820, -4.1730, 4.0430



22.0730, -60.7150, 59.6130



7.2960, -20.5440, 19.9040

Inverse Universe

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



124.5720, 61.3710, 115.7950



105.2010, 70.4460, 133.0540



196.5030, 5.1060, -92.5740



120.2550, 3.8960, 6.4880



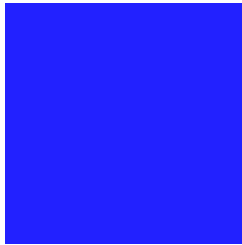
78.7690, 52.8460, 99.5820



26.3180, 17.9210, 33.1610

Previews

White Background



This preview shows how the YIQ color 58.6070, -70.6660, 69.2540 looks on a white background.

Color Contrast Check

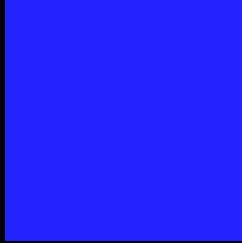
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.6070, -70.6660, 69.2540 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 58.6070, -70.6660, 69.2540

Background



This preview shows how black text looks on a background with the YIQ color 58.6070, -70.6660, 69.2540.



This preview shows how white text looks on a background with the YIQ color 58.6070, -70.6660,

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

58.6070, -70.6660, 69.2540

Protanopia

65.2970, -75.0110, 10.3090

Deuteranopia

65.9690, -68.6360, -0.6040

Trichromacy



Original Color

58.6070, -70.6660, 69.2540

Protanomaly

62.5540, -73.4560, 31.6960

Deuteranomaly

63.0780, -69.4200, 24.6280

Monochromacy



Original Color

58.6070, -70.6660, 69.2540

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.1200, -25.6800, 24.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.6070, -70.6660, 69.2540 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(34, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(34, 33, 255)  
}
```

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(34, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 33, 255) }
```

Border

The CSS property to change the border of an element to YIQ 58.6070, -70.6660, 69.2540 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(34, 33, 255) }
```

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

```
.border{ border-color:rgb(34, 33, 255) }
```

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

Here you see how a box with a 4 pixel rgb(34, 33, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(34, 33,  
255) }
```


Background

The CSS property to change the background color of an element to YIQ 58.6070, -70.6660, 69.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 33, 255) }
```

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

```
.background{ background-color: rgb(34, 33,  
255) }
```

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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