

Converting Colors

YIQ(142.2070, -13.3440,
10.5600)

Have a look what the booklet for
YIQ(142.2070, -13.3440, 10.5600)
contains.

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Color

**YIQ(142.2070, -13.3440,
10.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	888BAF
RGB	136, 139, 175
RGB Percent	53%, 55%, 69%
CMY	0.4666, 0.4549, 0.3138
CMYK	0.22, 0.21, 0.00, 0.31
HSL	235°, 20%, 61%
HSV	235°, 22%, 69%
XYZ	27.1226, 26.7945, 44.2892
YIQ	142.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

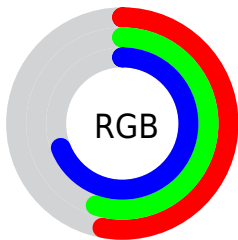
Format	Color
RYB	136, 139, 175
Decimal	8948655
CIELab	58.78, 6.84, -19.25
CIElCh	59, 20.428, 289.555
Yxy	26.7945, 0.2762, 0.2728
Android (android.graphics.Color)	4287138735 (0xFF888BAF)
YUV	142.2070, 16.1669, -5.4435
Hunter-Lab	51.7634, 2.9431, -14.4945

Details

The YIQ color $142.2070, -13.3440, 10.5600$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $168.7930, 13.3440, -10.5600$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.8480, -13.7110, 11.7050$, and $91.5660, -12.9770, 9.4150$ is the 20% darker color. If you saturate the color by 10%, you get $127.7320, -19.0760, 15.3240$, and if you desaturate by 10%, it is $156.9810, -7.0160, 6.0080$.

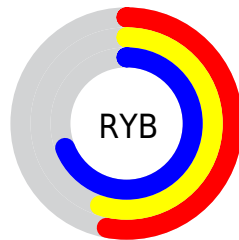
Distribution



Red (53%)

Green (55%)

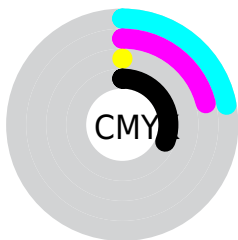
Blue (69%)



Red (53%)

Yellow (55%)

Blue (69%)

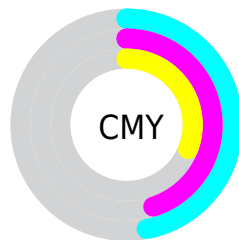


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2070, -13.3440, 10.5600 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 142.2070, -13.3440, 10.5600 by changing the saturation by 10% instead.

■ 142.2070,
-13.3440, 10.5600

■ 142.2070,
-13.3440, 10.5600

■ 255.0000, -0.0000,
-0.0000

■ 116.6800,
-13.2980, 9.7260

■ 195.8480,
-13.7110, 11.7050

■ 91.5660, -12.9770,
9.4150

■ 223.3920,
-12.4270, 10.4610

■ 68.0390, -12.9310,
8.5810

■ 248.7870, -3.7140,
1.2300

■ 45.6260, -13.2060,
8.0580

■ 24.0990, -13.1600,
7.2240

■ 3.4200, -9.6300,
9.3300

■ 0.0000, 0.0000,

0.0000

■ 142.2070,
-13.3440, 10.5600

■ 142.2070,
-13.3440, 10.5600

■ 127.7320,
-19.0760, 15.3240

■ 156.9810, -7.0160,
6.0080

■ 112.9580,
-25.4040, 19.8760

■ 171.4560, -1.2840,
1.2440

■ 98.4830, -31.1360,
24.6400

■ 185.9310, 4.4480,
-3.5200

■ 83.1220, -37.1890,
29.7150

■ 201.2920, 10.5010,
-8.5950

■ 68.6470, -42.9210,
34.4790

■ 215.7670, 16.2330,
-13.3590

■ 53.8730, -49.2490,
39.0310

■ 230.5410, 22.5610,
-17.9110

■ 39.3980, -54.9810,
43.7950

■ 244.1190, 26.5050,
-23.3110

■ 27.5810, -59.7500,
47.6260

■ 245.8800, 25.6800,
-24.8800

Harmonies

Analogous

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



138.6670, -29.6190, 2.6450



142.2070, -13.3440, 10.5600



144.1230, 4.6280, 15.2520

Triad

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



142.2070, -13.3440, 10.5600



142.3210, 29.8930, 3.4050



134.7100, -23.1510, -15.4630

Complementary

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



142.2070, -13.3440, 10.5600



168.7930, 13.3440, -10.5600

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.



137.3930, -6.1410, -15.3650



142.2070, -13.3440, 10.5600



141.2290, 23.9800, -5.0760

Square

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



142.2070, -13.3440, 10.5600



143.7650, 28.8830, 10.6990



139.2980, 10.3640, -11.6200



133.2880, -36.4020, -12.0980

Rectangle

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



142.2070, -13.3440, 10.5600



144.3970, 15.5400, 15.7320



139.2980, 10.3640, -11.6200



135.8200, -17.6490, -16.0570

Sweetspot

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



142.2070, -13.3440, 10.5600



213.4110, -5.4110, 4.4530



162.9970, -22.2810, -9.2010



107.0260, -2.8890, 2.7990



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



142.2070, -13.3440, 10.5600



175.3020, -20.6810, 16.8790



145.2300, -2.9830, 15.5210



79.6130, -3.1640, 2.2760



24.1440, -51.4500, 40.3740



3.7960, -7.9330, 6.1070

Inverse Universe

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



148.0030, 22.2810, 9.2010



184.6950, 35.0720, 14.1760



165.7700, 2.9830, -15.5210



80.8050, 5.0430, 2.2190



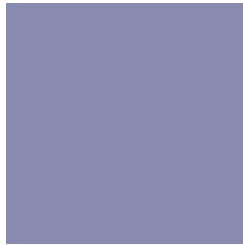
46.2180, 85.5480, 35.5320



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 142.2070, -13.3440, 10.5600 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 142.2070, -13.3440, 10.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

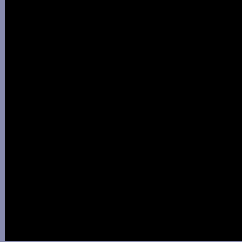
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.2070, -13.3440, 10.5600

Background



This preview shows how black text looks on a background with the YIQ color 142.2070, -13.3440, 10.5600.



This preview shows how white text looks on a background with the YIQ color 142.2070, -13.3440,

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

142.2070, -13.3440, 10.5600

Protanopia

142.0110, -15.7280, 9.7120

Deuteranopia

142.2180, -11.8770, 11.5070



Tritanopia

140.9650, -10.0870, 1.0890

Trichromacy



Original Color

142.2070, -13.3440, 10.5600

Protanomaly

142.3100, -15.1320, 9.9240

Deuteranomaly

141.9190, -12.4730, 11.2950

Tritanomaly

141.5890, -11.7840, 4.3120

Monochromacy



Original Color

142.2070, -13.3440, 10.5600

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1830, -4.7690, 3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2070, -13.3440, 10.5600 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(136, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(136, 139, 175)  
}
```

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(136, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 139, 175) }
```

Border

The CSS property to change the border of an element to YIQ 142.2070, -13.3440, 10.5600 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(136, 139, 175) }
```


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

```
.border{ border-color:rgb(136, 139, 175) }
```

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

Here you see how a box with a 4 pixel rgb(136, 139, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(136, 139,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2070, -13.3440, 10.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 139, 175) }
```

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

```
.background{ background-color: rgb(136,  
139, 175) }
```

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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