

Converting Colors

YIQ(162.3070, -11.0500, 2.0220)

Have a look what the booklet for
YIQ(162.3070, -11.0500, 2.0220)
contains.

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Color

**YIQ(162.3070, -11.0500,
2.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	99A4B2
RGB	153, 164, 178
RGB Percent	60%, 64%, 70%
CMY	0.4000, 0.3568, 0.3020
CMYK	0.14, 0.08, 0.00, 0.30
HSL	214°, 14%, 65%
HSV	214°, 14%, 70%
XYZ	34.4468, 36.5383, 47.3492
YIQ	162.3070, -11.0500, 2.0220

Conversions

Conversions Part 2

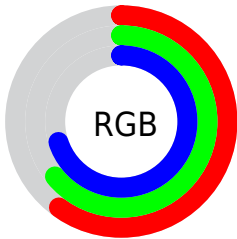
Format	Color
RYB	153, 161, 178
Decimal	10069170
CIELab	66.93, -0.97, -8.54
CIElCh	67, 8.597, 263.527
Yxy	36.5383, 0.2911, 0.3088
Android (android.graphics.Color)	4288259250 (0xFF99A4B2)
YUV	162.3070, 7.7366, -8.1622
Hunter-Lab	60.4469, -4.0604, -4.1302

Details

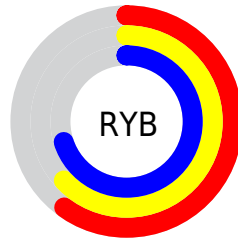
The YIQ color **162.3070, -11.0500, 2.0220** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.6930, 11.0500, -2.0220**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1220, -11.9670, 2.1210**, and **110.4920, -10.1330, 1.9230** is the 20% darker color. If you saturate the color by 10%, you get **151.0550, -19.0280, 3.4360**, and if you desaturate by 10%, it is **173.5590, -3.0720, 0.6080**.

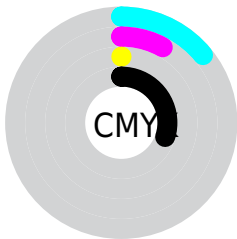
Distribution



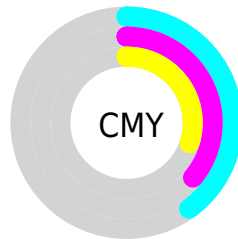
- Red (60%)
- Green (64%)
- Blue (70%)



- Red (60%)
- Yellow (63%)
- Blue (70%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.3070, -11.0500, 2.0220 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 162.3070, -11.0500, 2.0220 by changing the saturation by 10% instead.

■ 162.3070,
-11.0500, 2.0220

■ 162.3070,
-11.0500, 2.0220

■ 255.0000, -0.0000,
-0.0000

■ 136.1930,
-10.7290, 1.7110

■ 217.1220,
-11.9670, 2.1210

■ 110.4920,
-10.1330, 1.9230

■ 244.6230, -9.1240,
0.1560

■ 86.3780, -9.8120,
1.6120

■ 63.3780, -9.8120,
1.6120

■ 41.2640, -9.4910,
1.3010

■ 20.1500, -9.1700,
0.9900

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 162.3070,
-11.0500, 2.0220

■ 162.3070,
-11.0500, 2.0220

■ 151.0550,
-19.0280, 3.4360

■ 173.5590, -3.0720,
0.6080

■ 139.8030,
-27.0060, 4.8500

■ 184.8110, 4.9060,
-0.8060

■ 128.8500,
-34.3880, 6.4760

■ 195.7640, 12.2880,
-2.4320

■ 117.5980,
-42.3660, 7.8900

■ 207.0160, 20.2660,
-3.8460

■ 106.3460,
-50.3440, 9.3040

■ 218.2680, 28.2440,
-5.2600

■ 95.0940, -58.3220,
10.7180

■ 228.0250, 33.2420,
-7.7340

■ 83.8420, -66.3000,
12.1320

■ 233.8950, 30.4920,
-12.9640

■ 72.8890, -73.6820,
13.7580

■ 239.7650, 27.7420,
-18.1940

■ 66.0780, -78.5880,
14.5640

■ 245.6350, 24.9920,
-23.4240

Harmonies

Analogous

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



161.0460, -14.8090, -1.4410



162.3070, -11.0500, 2.0220



163.1230, -4.5400, 5.1880

Triad

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



162.3070, -11.0500, 2.0220



164.4640, 13.4330, 4.3530



160.9300, -2.9790, -6.5870

Complementary

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



162.3070, -11.0500, 2.0220



168.6930, 11.0500, -2.0220

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.



161.9910, 4.2190, -4.8770



162.3070, -11.0500, 2.0220



163.4700, 13.2960, 1.3280

Square

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



162.3070, -11.0500, 2.0220



164.7780, 9.6730, 6.4170



163.0950, 9.8580, -2.4460



160.3360, -9.9940, -6.1060

Rectangle

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



162.3070, -11.0500, 2.0220



164.2870, 0.8700, 6.2620



163.0950, 9.8580, -2.4460



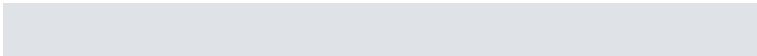
161.7130, -0.8700, -6.2620

Sweetspot

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



162.3070, -11.0500, 2.0220



226.3740, -3.9890, 0.7070



169.2710, -11.3690, -8.7210



113.4450, -2.7510, 0.2970



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



162.3070, -11.0500, 2.0220



207.4250, -17.1940, 3.2380



156.1490, -7.4290, 7.9870



83.3740, -3.9890, 0.7070



56.7710, -67.5380, 12.5420



9.4210, -11.3710, 2.3330

Inverse Universe

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



161.7290, 11.3690, 8.7210



206.5990, 17.7870, 13.5550



174.8510, 7.4290, -7.9870



83.1470, 4.0800, 3.1520



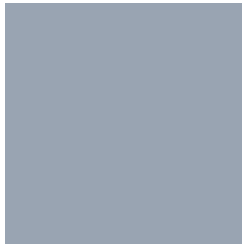
53.3850, 69.6810, 53.2730



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 162.3070, -11.0500, 2.0220 looks on a white background.

Color Contrast Check

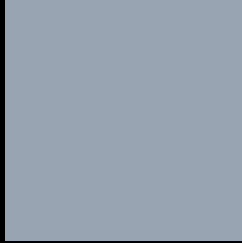
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 162.3070, -11.0500, 2.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

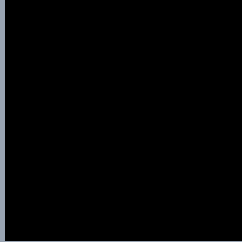
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.3070, -11.0500, 2.0220

Background



This preview shows how black text looks on a background with the YIQ color 162.3070, -11.0500, 2.0220.



This preview shows how white text looks on a background with the YIQ color 162.3070, -11.0500,

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

162.3070, -11.0500, 2.0220

Protanopia

163.5960, -4.4940, 4.3540

Deuteranopia

164.2810, 1.0070, 9.2870



Tritanopia

162.1930, -10.7290, 1.7110

Trichromacy



Original Color

162.3070, -11.0500, 2.0220

Protanomaly

163.4000, -6.8780, 3.5060

Deuteranomaly

163.3620, -3.7150, 6.7570

Tritanomaly

162.1930, -10.7290, 1.7110

Monochromacy



Original Color

162.3070, -11.0500, 2.0220

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.3740, -3.9890, 0.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.3070, -11.0500, 2.0220 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(153, 164, 178)` looks like.

```
.text, #text, p{  
    color:rgb(153, 164, 178)  
}
```

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(153, 164, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 164, 178) }
```

Border

The CSS property to change the border of an element to YIQ 162.3070, -11.0500, 2.0220 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(153, 164, 178) }
```


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

```
.border{ border-color:rgb(153, 164, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 164, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 164, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 164, 178);  
box-shadow:4px 4px 4px 4px rgb(153, 164,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 162.3070, -11.0500, 2.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 164, 178) }
```

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

```
.background{ background-color: rgb(153,  
164, 178) }
```

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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