

Converting Colors

YIQ(170.2060, -11.6030,
17.5570)

Have a look what the booklet for
YIQ(170.2060, -11.6030, 17.5570)
contains.

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Color

**YIQ(170.2060, -11.6030,
17.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA2D5
RGB	170, 162, 213
RGB Percent	67%, 64%, 84%
CMY	0.3333, 0.3647, 0.1648
CMYK	0.20, 0.24, 0.00, 0.16
HSL	249°, 38%, 74%
HSV	249°, 24%, 84%
XYZ	41.5076, 39.1900, 68.3130
YIQ	170.2060, -11.6030, 17.5570

Conversions

Conversions Part 2

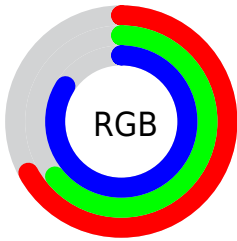
Format	Color
R _Y B	170, 162, 213
Decimal	11182805
CIE Lab	68.89, 13.44, -24.86
CIE LCh	69, 28.259, 298.408
Yxy	39.1900, 0.2786, 0.2630
Android (android.graphics.Color)	4289372885 (0xFFAAA2D5)
YUV	170.2060, 21.0974, -0.1807
Hunter-Lab	62.6019, 8.7993, -20.8776

Details

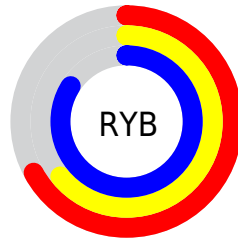
The YIQ color $170.2060, -11.6030, 17.5570$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $204.7940, 11.6030, -17.5570$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $224.0230, -6.8340, 13.7260$, and $117.5650, -11.2360, 16.4120$ is the 20% darker color. If you saturate the color by 10%, you get $152.4970, -16.5560, 24.7240$, and if you desaturate by 10%, it is $187.9150, -6.6500, 10.3900$.

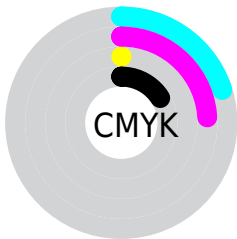
Distribution



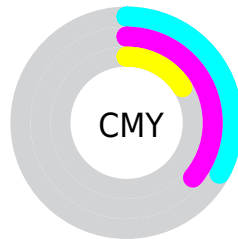
- Red (67%)
- Green (64%)
- Blue (84%)



- Red (67%)
- Yellow (64%)
- Blue (84%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2060, -11.6030, 17.5570 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 170.2060, -11.6030, 17.5570 by changing the saturation by 10% instead.

■ 170.2060,
-11.6030, 17.5570

■ 170.2060,
-11.6030, 17.5570

255.0000, -0.0000,
-0.0000

■ 143.6790,
-11.5570, 16.7230

■ 224.0230, -6.8340,
13.7260

■ 117.5650,
-11.2360, 16.4120

■ 249.1300, 2.7500,
5.2300

■ 93.0380, -11.1900,
15.5780

■ 69.2120, -11.7400,
14.5320

■ 46.5710, -11.3730,
13.3870

■ 25.0330, -12.7940,
11.6060

■ 4.2180, -11.8770,

11.5070

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 170.2060,
-11.6030, 17.5570

■ 170.2060,
-11.6030, 17.5570

■ 152.4970,
-16.5560, 24.7240

■ 187.9150, -6.6500,
10.3900

■ 134.2010,
-21.2340, 32.4140

■ 206.2110, -1.9720,
2.7000

■ 116.4920,
-26.1870, 39.5810

■ 223.9200, 2.9810,
-4.4670

■ 98.7830, -31.1400,
46.7480

■ 241.6290, 7.9340,
-11.6340

■ 81.0740, -36.0930,
53.9150

■ 250.2120, 13.4820,
-13.0620

■ 62.7780, -40.7710,
61.6050

■ 45.0690, -45.7240,
68.7720

■ 34.1490, -48.7050,
73.2390

Harmonies

Analogous

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



165.1100, -38.0560, 6.8720



170.2060, -11.6030, 17.5570



172.4280, 14.2550, 22.5030

Triad

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



170.2060, -11.6030, 17.5570



168.6010, 40.6680, 0.8600



156.5550, -41.9480, -21.7240

Complementary

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



170.2060, -11.6030, 17.5570



204.7940, 11.6030, -17.5570

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.



160.9030, -16.6850, -22.5170



170.2060, -11.6030, 17.5570



166.9920, 28.8410, -10.5750

Square

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



170.2060, -11.6030, 17.5570



170.6480, 42.4540, 12.5500



164.2990, 8.6230, -18.6170



154.9200, -58.9130, -17.1290

Rectangle

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



170.2060, -11.6030, 17.5570



171.8440, 27.6430, 22.1630



164.2990, 8.6230, -18.6170



158.2200, -33.6950, -22.6150

Sweetspot

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



170.2060, -11.6030, 17.5570



239.9490, -3.9900, 6.2340



193.0550, -28.1960, -6.6280



118.8520, -2.3390, 3.8450



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.



170.2060, -11.6030, 17.5570



193.0240, -16.6020, 25.5580



177.6810, 3.2970, 22.8570



97.8520, -2.3390, 3.8450



27.5670, -38.7990, 58.9050



6.9950, -9.6310, 14.8570

Inverse Universe

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



182.1510, 16.5930, 24.1850



210.1940, 24.2020, 34.9700



197.3190, -3.2970, -22.8570



100.3150, 3.6670, 5.1310



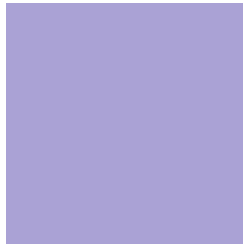
67.5450, 55.6920, 81.0360



17.0750, 13.7510, 20.6230

Previews

White Background



This preview shows how the YIQ color 170.2060, -11.6030, 17.5570 looks on a white background.

Color Contrast Check

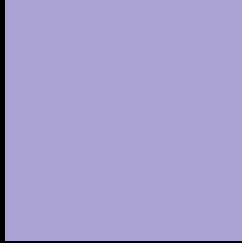
Large Text (above 18pt) WCAG AA × Fail

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 170.2060, -11.6030, 17.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

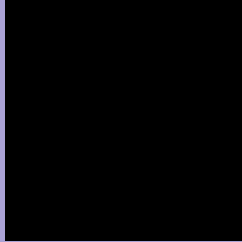
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2060, -11.6030, 17.5570

Background



This preview shows how black text looks on a background with the YIQ color 170.2060, -11.6030, 17.5570.



This preview shows how white text looks on a background with the YIQ color 170.2060, -11.6030,

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

170.2060, -11.6030, 17.5570

Protanopia

168.4110, -22.6060, 13.2180

Deuteranopia

169.1620, -17.4710, 13.7690



Tritanopia

168.2860, -6.5570, 3.1950

Trichromacy



Original Color

170.2060, -11.6030, 17.5570

Protanomaly

169.2050, -19.0300, 14.4900

Deuteranomaly

169.4720, -15.4080, 14.9280

Tritanomaly

169.0780, -8.6670, 8.3970

Monochromacy



Original Color

170.2060, -11.6030, 17.5570

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0630, -4.3110, 6.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2060, -11.6030, 17.5570 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(170, 162, 213)` looks like.

```
.text, #text, p{  
    color:rgb(170, 162, 213)  
}
```

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(170, 162, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 162, 213) }
```

Border

The CSS property to change the border of an element to YIQ 170.2060, -11.6030, 17.5570 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(170, 162, 213) }
```


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

```
.border{ border-color:rgb(170, 162, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 162, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 162, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 162, 213);  
box-shadow:4px 4px 4px 4px rgb(170, 162,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2060, -11.6030, 17.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 162, 213) }
```

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

```
.background{ background-color: rgb(170,  
162, 213) }
```

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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