

Converting Colors

YIQ(171.1130, -6.6070, 26.1370)

Have a look what the booklet for
YIQ(171.1130, -6.6070, 26.1370)
contains.

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Color

**YIQ(171.1130, -6.6070,
26.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	B59CDF
RGB	181, 156, 223
RGB Percent	71%, 61%, 87%
CMY	0.2901, 0.3883, 0.1256
CMYK	0.19, 0.30, 0.00, 0.13
HSL	262°, 51%, 74%
HSV	262°, 30%, 87%
XYZ	44.2654, 38.9270, 74.9786
YIQ	171.1130, -6.6070, 26.1370

Conversions

Conversions Part 2

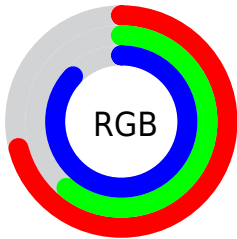
Format	Color
R_{YB}	181, 156, 223
Decimal	11902175
CIE _{Lab}	68.70, 22.49, -30.58
CIE _{LCh}	69, 37.959, 306.327
Yxy	38.9270, 0.2799, 0.2461
Android (android.graphics.Color)	4290092255 (0xFFB59CDF)
YUV	171.1130, 25.5803, 8.6709
Hunter-Lab	62.3915, 17.4568, -27.5773

Details

The YIQ color $171.1130, -6.6070, 26.1370$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $207.8870, 6.6070, -26.1370$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $224.0890, 1.9680, 19.4080$, and $118.7600, -7.1110, 24.2570$ is the 20% darker color. If you saturate the color by 10%, you get $154.0130, -8.9010, 34.6750$, and if you desaturate by 10%, it is $188.2130, -4.3130, 17.5990$.

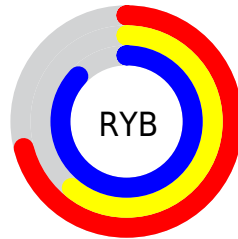
Distribution



Red (71%)

Green (61%)

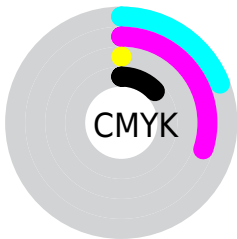
Blue (87%)



Red (71%)

Yellow (61%)

Blue (87%)

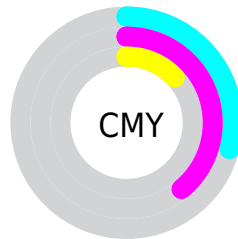


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (39%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.1130, -6.6070, 26.1370 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 171.1130, -6.6070, 26.1370 by changing the saturation by 10% instead.

■ 171.1130, -6.6070,
26.1370

■ 171.1130, -6.6070,
26.1370

■ 255.0000, -0.0000,
-0.0000

■ 144.5860, -6.5610,
25.3030

■ 224.0890, 1.9680,
19.4080

■ 118.7600, -7.1110,
24.2570

■ 245.6080, 4.4000,
8.3680

■ 93.2330, -7.0650,
23.4230

■ 69.2930, -7.2940,
22.0660

■ 46.3530, -7.5230,
20.7090

■ 24.1140, -8.3480,
19.1400

■ 6.5110, -11.1440,

14.7440

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 171.1130, -6.6070,
26.1370

■ 171.1130, -6.6070,
26.1370

■ 154.0130, -8.9010,
34.6750

■ 188.2130, -4.3130,
17.5990

■ 136.3260,
-10.9200, 43.7360

■ 205.9000, -2.2940,
8.5380

■ 119.2260,
-13.2140, 52.2740

■ 223.0000, -0.0000,
-0.0000

■ 102.1260,
-15.5080, 60.8120

■ 240.1000, 2.2940,
-8.5380

■ 85.0260, -17.8020,
69.3500

■ 250.1560, 7.8880,
-10.8000

■ 67.3390, -19.8210,
78.4110

■ 251.3520, 10.2720,
-9.9520

■ 50.2390, -22.1150,
86.9490

Harmonies

Analogous

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



164.5640, -45.0260, 12.0460



171.1130, -6.6070, 26.1370



172.3420, 26.5410, 31.1250

Triad

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



171.1130, -6.6070, 26.1370



167.2290, 50.3430, -3.7770



144.8650, -75.4160, -31.9280

Complementary

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



171.1130, -6.6070, 26.1370



207.8870, 6.6070, -26.1370

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.



154.9500, -33.2350, -30.9550



171.1130, -6.6070, 26.1370



164.5050, 31.4100, -18.5900

Square

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



171.1130, -6.6070, 26.1370



168.8900, 56.3920, 13.2560



160.7940, 2.4350, -27.6210



131.6060, -117.0470, -31.8550

Rectangle

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



171.1130, -6.6070, 26.1370



171.2590, 42.7720, 28.8200



160.7940, 2.4350, -27.6210



148.8790, -60.8360, -31.8440

Sweetspot

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



171.1130, -6.6070, 26.1370



237.3130, -2.0190, 9.0610



188.2920, -33.0570, -1.1290



116.5040, -1.2390, 5.9370



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.



171.1130, -6.6070, 26.1370



183.9530, -8.6720, 36.0320



180.9800, 13.0610, 33.1330



103.4500, -1.1470, 4.2690



39.7980, -17.1600, 68.7280



10.8540, -4.6800, 18.7440

Inverse Universe

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



180.8210, 26.4500, 27.2660



197.1200, 36.2140, 37.5420



198.0200, -13.0610, -33.1330



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 171.1130, -6.6070, 26.1370 looks on a white background.

Color Contrast Check

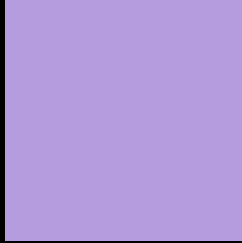
Large Text (above 18pt) WCAG AA × Fail

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 171.1130, -6.6070, 26.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

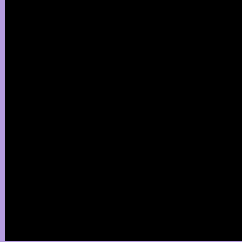
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.1130, -6.6070, 26.1370

Background



This preview shows how black text looks on a background with the YIQ color 171.1130, -6.6070, 26.1370.



This preview shows how white text looks on a background with the YIQ color 171.1130, -6.6070,

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

171.1130, -6.6070, 26.1370

Protanopia

167.6260, -30.4010, 16.8230

Deuteranopia

168.3940, -23.9360, 15.2960



Tritanopia

168.8740, 0.5950, 5.7390

Trichromacy



Original Color

171.1130, -6.6070, 26.1370

Protanomaly

169.1110, -21.4610, 20.0030

Deuteranomaly

169.4380, -18.0680, 19.0840

Tritanomaly

169.8340, -1.9280, 12.9200

Monochromacy



Original Color

171.1130, -6.6070, 26.1370

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.4270, -2.3400, 9.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.1130, -6.6070, 26.1370 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(181, 156, 223)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 223)  
}
```

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(181, 156, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 223) }
```

Border

The CSS property to change the border of an element to YIQ 171.1130, -6.6070, 26.1370 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(181, 156, 223) }
```


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

```
.border{ border-color:rgb(181, 156, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 223);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 171.1130, -6.6070, 26.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 223) }
```

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

```
.background{ background-color: rgb(181,  
156, 223) }
```

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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