

Converting Colors

YIQ(166.0110, -6.5600, 19.7760)

Have a look what the booklet for
YIQ(166.0110, -6.5600, 19.7760)
contains.

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Color

**YIQ(166.0110, -6.5600,
19.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9BCF
RGB	172, 155, 207
RGB Percent	67%, 61%, 81%
CMY	0.3254, 0.3922, 0.1883
CMYK	0.17, 0.25, 0.00, 0.19
HSL	260°, 35%, 71%
HSV	260°, 25%, 81%
XYZ	39.9979, 36.7173, 63.9997
YIQ	166.0110, -6.5600, 19.7760

Conversions

Conversions Part 2

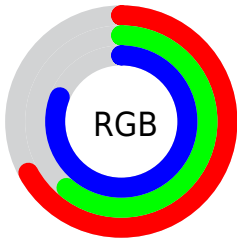
Format	Color
RYB	172, 155, 207
Decimal	11312079
CIELab	67.06, 16.65, -24.32
CIElCh	67, 29.474, 304.400
Yxy	36.7173, 0.2842, 0.2609
Android (android.graphics.Color)	4289502159 (0xFFAC9BCF)
YUV	166.0110, 20.2076, 5.2524
Hunter-Lab	60.5948, 11.7849, -20.2052

Details

The YIQ color $166.0110, -6.5600, 19.7760$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.9890, 6.5600, -19.7760$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $219.9250, -3.4420, 18.3340$, and $114.0710, -6.7890, 18.4190$ is the 20% darker color. If you saturate the color by 10%, you get $149.4980, -9.1290, 27.7910$, and if you desaturate by 10%, it is $182.5240, -3.9910, 11.7610$.

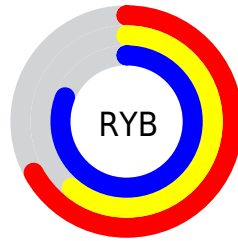
Distribution



Red (67%)

Green (61%)

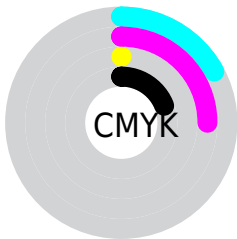
Blue (81%)



Red (67%)

Yellow (61%)

Blue (81%)

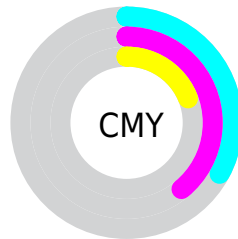


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.0110, -6.5600, 19.7760 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 166.0110, -6.5600, 19.7760 by changing the saturation by 10% instead.

■ 166.0110, -6.5600,
19.7760

■ 166.0110, -6.5600,
19.7760

■ 255.0000, -0.0000,
-0.0000

■ 139.4840, -6.5140,
18.9420

■ 219.9250, -3.4420,
18.3340

■ 113.9570, -6.4680,
18.1080

■ 245.0210, 4.6750,
8.8910

■ 89.4300, -6.4220,
17.2740

■ 65.6040, -6.9720,
16.2280

■ 43.0770, -6.9260,
15.3940

■ 21.8380, -7.7510,
13.8250

■ 3.7620, -10.5930,

10.2630

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 166.0110, -6.5600,
19.7760

■ 166.0110, -6.5600,
19.7760

■ 149.4980, -9.1290,
27.7910

■ 182.5240, -3.9910,
11.7610

■ 133.5720,
-11.9730, 35.2830

■ 198.4500, -1.1470,
4.2690

■ 117.0590,
-14.5420, 43.2980

■ 214.9630, 1.4220,
-3.7460

■ 100.5460,
-17.1110, 51.3130

■ 231.4760, 3.9910,
-11.7610

■ 84.6200, -19.9550,
58.8050

■ 245.6410, 7.6600,
-17.6840

■ 68.1070, -22.5240,
66.8200

■ 249.5280, 15.4080,
-14.9280

■ 51.8930, -24.4970,
75.0470

■ 43.9300, -25.9190,
78.7930

Harmonies

Analogous

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



160.9580, -34.5720, 9.8120



166.0110, -6.5600, 19.7760



167.4070, 18.7480, 23.6760

Triad

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



166.0110, -6.5600, 19.7760



163.7210, 40.2100, -1.8540



150.3200, -48.5960, -22.3880

Complementary

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



166.0110, -6.5600, 19.7760



195.9890, 6.5600, -19.7760

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.



154.4400, -22.6910, -23.8030



166.0110, -6.5600, 19.7760



161.4430, 25.9530, -13.3030

Square

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



166.0110, -6.5600, 19.7760



165.0780, 44.0590, 10.9950



158.4940, 3.5800, -20.8360



148.8100, -64.4150, -16.5350

Rectangle

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



166.0110, -6.5600, 19.7760



167.1820, 32.5030, 22.1910



158.4940, 3.5800, -20.8360



151.6860, -40.9390, -23.4910

Sweetspot

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



166.0110, -6.5600, 19.7760



239.0740, -2.8440, 7.4920



182.0600, -26.5920, -2.6560



117.6780, -1.7890, 4.8910



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.



166.0110, -6.5600, 19.7760



195.1390, -9.4960, 28.9360



173.4860, 8.3400, 25.0760



96.4500, -1.1470, 4.2690



35.5970, -21.1480, 63.9080



8.5610, -5.4130, 15.5070

Inverse Universe

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



174.5380, 19.7570, 21.9090



207.5380, 28.9250, 31.9730



188.5140, -8.3400, -25.0760



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 166.0110, -6.5600, 19.7760 looks on a white background.

Color Contrast Check

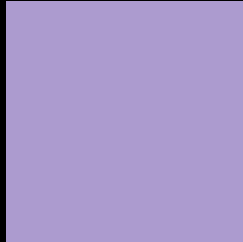
Large Text (above 18pt) WCAG AA × Fail

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 166.0110, -6.5600, 19.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

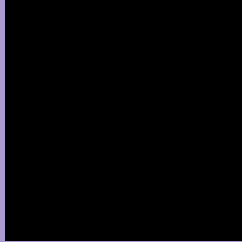
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.0110, -6.5600, 19.7760

Background



This preview shows how black text looks on a background with the YIQ color 166.0110, -6.5600, 19.7760.



This preview shows how white text looks on a background with the YIQ color 166.0110, -6.5600,

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

166.0110, -6.5600, 19.7760

Protanopia

163.5250, -22.9270, 13.5290

Deuteranopia

164.3470, -16.5540, 13.6700



Tritanopia

163.9770, -1.1930, 5.1030

Trichromacy



Original Color

166.0110, -6.5600, 19.7760

Protanomaly

164.5150, -16.9670, 15.6490

Deuteranomaly

164.6680, -13.0240, 15.7760

Tritanomaly

164.7690, -3.3030, 10.3050

Monochromacy



Original Color

166.0110, -6.5600, 19.7760

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9600, -2.5230, 7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.0110, -6.5600, 19.7760 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(172, 155, 207)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 207)  
}
```

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(172, 155, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 207) }
```

Border

The CSS property to change the border of an element to YIQ 166.0110, -6.5600, 19.7760 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(172, 155, 207) }
```


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

```
.border{ border-color:rgb(172, 155, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 207);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 166.0110, -6.5600, 19.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 207) }
```

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

```
.background{ background-color: rgb(172,  
155, 207) }
```

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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