

Converting Colors

YIQ(161.0350, -5.9670, 36.5690)

Have a look what the booklet for
YIQ(161.0350, -5.9670, 36.5690)
contains.

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Color

**YIQ(161.0350, -5.9670,
36.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	B28BE6
RGB	178, 139, 230
RGB Percent	70%, 55%, 90%
CMY	0.3018, 0.4550, 0.0981
CMYK	0.23, 0.40, 0.00, 0.10
HSL	266°, 65%, 72%
HSV	266°, 40%, 90%
XYZ	41.8787, 33.6419, 79.1315
YIQ	161.0350, -5.9670, 36.5690

Conversions

Conversions Part 2

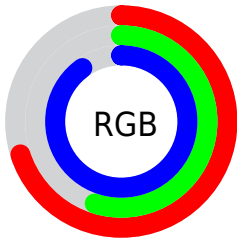
Format	Color
R_{YB}	178, 139, 230
Decimal	11701222
CIE _{Lab}	64.68, 32.72, -40.72
CIE _{LCh}	65, 52.237, 308.789
Yxy	33.6419, 0.2708, 0.2175
Android (android.graphics.Color)	4289891302 (0xFFB28BE6)
YUV	161.0350, 33.9997, 14.8783
Hunter-Lab	58.0016, 27.3788, -40.2881

Details

The YIQ color $161.0350, -5.9670, 36.5690$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $207.9650, 5.9670, -36.5690$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $212.6260, 5.1300, 28.1860$, and $108.2690, -6.7460, 34.1660$ is the 20% darker color. If you saturate the color by 10%, you get $143.6470, -7.3900, 45.8420$, and if you desaturate by 10%, it is $178.4230, -4.5440, 27.2960$.

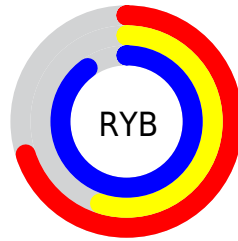
Distribution



Red (70%)

Green (55%)

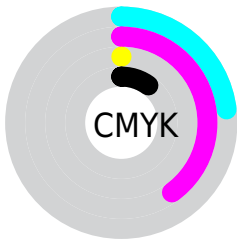
Blue (90%)



Red (70%)

Yellow (55%)

Blue (90%)

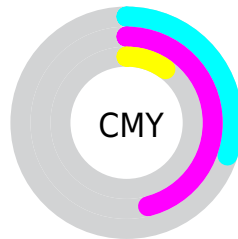


Cyan (23%)

Magenta (40%)

Yellow (0%)

Black (10%)



Cyan (30%)


Magenta (46%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.0350, -5.9670, 36.5690 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 161.0350, -5.9670, 36.5690 by changing the saturation by 10% instead.

 161.0350, -5.9670,
36.5690

 161.0350, -5.9670,
36.5690


255.0000, -0.0000,
-0.0000


 134.2090, -6.5170,
35.5230


 212.6260, 5.1300,
28.1860


 108.2690, -6.7460,
34.1660


 235.0420, 9.3500,
17.7820

 83.3290, -6.9750,
32.8090

 252.0650, 1.3750,
2.6150

 59.0900, -7.8000,
31.2400

 34.9650, -8.9460,
29.9820

 13.7750, -11.4670,
26.1090

 5.4720, -15.4080,

14.9280

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 161.0350, -5.9670,
36.5690

■ 161.0350, -5.9670,
36.5690

■ 143.6470, -7.3900,
45.8420

■ 178.4230, -4.5440,
27.2960

■ 126.2590, -8.8130,
55.1150

■ 195.8110, -3.1210,
18.0230

■ 108.8710,
-10.2360, 64.3880

■ 213.1990, -1.6980,
8.7500

■ 91.4830, -11.6590,
73.6610

■ 230.8860, 0.3210,
-0.3110

■ 73.7960, -13.6780,
82.7220

■ 248.2740, 1.7440,
-9.5840

■ 56.4080, -15.1010,
91.9950

■ 252.1500, 8.0250,
-7.7750

■ 55.8210, -14.8260,
92.5180

Harmonies

Analogous

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



149.8470, -64.6960, 16.1040



161.0350, -5.9670, 36.5690



160.7770, 38.9180, 43.6060

Triad

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



161.0350, -5.9670, 36.5690



153.8960, 64.2820, -8.5980



125.0400, -104.0700, -41.2700

Complementary

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



161.0350, -5.9670, 36.5690



207.9650, 5.9670, -36.5690

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.



131.1370, -62.1630, -46.3470



161.0350, -5.9670, 36.5690



150.8890, 38.6560, -28.7680

Square

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



161.0350, -5.9670, 36.5690



155.7520, 74.4560, 16.2800



145.4910, -1.5060, -38.8020



128.8820, -117.6440, -26.5400

Rectangle

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



161.0350, -5.9670, 36.5690



158.2060, 59.4590, 40.2830



145.4910, -1.5060, -38.8020



123.1020, -98.6130, -46.5570

Sweetspot

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



161.0350, -5.9670, 36.5690



231.7200, -1.6070, 12.6090



180.4850, -43.7860, 0.5820



114.1450, -1.6060, 7.0820



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.



161.0350, -5.9670, 36.5690



164.2280, -7.5280, 48.3440



174.1910, 20.2570, 45.8970



105.8630, -0.8720, 4.7920



43.4290, -11.5670, 71.9930



12.3920, -3.2590, 20.5250

Inverse Universe

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



172.1370, 37.5440, 35.4640



178.7460, 49.3710, 46.8990



194.8090, -20.2570, -45.8970



107.3860, 4.9050, 4.7210



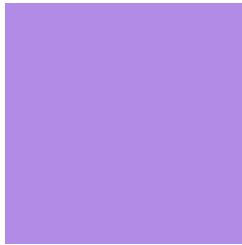
65.1490, 73.9420, 69.6700



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 161.0350, -5.9670, 36.5690 looks on a white background.

Color Contrast Check

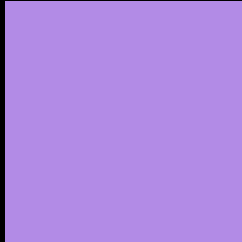
Large Text (above 18pt) WCAG AA × Fail

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 161.0350, -5.9670, 36.5690 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 161.0350, -5.9670, 36.5690

Background



This preview shows how black text looks on a background with the YIQ color 161.0350, -5.9670, 36.5690.



This preview shows how white text looks on a background with the YIQ color 161.0350, -5.9670,

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

161.0350, -5.9670, 36.5690

Protanopia

155.4750, -45.8530, 21.5310

Deuteranopia

156.0210, -38.8830, 16.3570



Tritanopia

158.5540, 4.4920, 6.7000

Trichromacy



Original Color

161.0350, -5.9670, 36.5690



Protanomaly

157.6510, -31.5490, 26.6190



Deuteranomaly

157.9950, -26.8260, 23.6220



Tritanomaly

159.5510, 0.5470, 17.6270

Monochromacy



Original Color

161.0350, -5.9670, 36.5690



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

160.9480, -2.2490, 13.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.0350, -5.9670, 36.5690 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(178, 139, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 139, 230)  
}
```

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(178, 139, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 139, 230) }
```

Border

The CSS property to change the border of an element to YIQ 161.0350, -5.9670, 36.5690 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(178, 139, 230) }
```


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

```
.border{ border-color:rgb(178, 139, 230) }
```

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

Here you see how a box with a 4 pixel rgb(178, 139, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 139, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 139, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 139,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 161.0350, -5.9670, 36.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 139, 230) }
```

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

```
.background{ background-color: rgb(178,  
139, 230) }
```

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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