

Converting Colors

YIQ(167.6660, -9.5420, 29.7700)

Have a look what the booklet for
YIQ(167.6660, -9.5420, 29.7700)
contains.

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Color

**YIQ(167.6660, -9.5420,
29.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	B197E5
RGB	177, 151, 229
RGB Percent	69%, 59%, 90%
CMY	0.3058, 0.4079, 0.1021
CMYK	0.23, 0.34, 0.00, 0.10
HSL	260°, 60%, 75%
HSV	260°, 34%, 90%
XYZ	43.3421, 37.1359, 78.9940
YIQ	167.6660, -9.5420, 29.7700

Conversions

Conversions Part 2

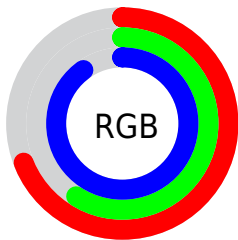
Format	Color
RYB	177, 151, 229
Decimal	11638757
CIELab	67.38, 25.46, -35.95
CIELCh	67, 44.056, 305.304
Yxy	37.1359, 0.2718, 0.2329
Android (android.graphics.Color)	4289828837 (0xFFB197E5)
YUV	167.6660, 30.2377, 8.1859
Hunter-Lab	60.9393, 20.3117, -34.1986

Details

The YIQ color $167.6660, -9.5420, 29.7700$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $212.3340, 9.5420, -29.7700$, and the grayscale version is $167.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.3710, 1.2340, 21.6980$, and $115.1990, -9.7250, 27.5790$ is the 20% darker color. If you saturate the color by 10%, you get $149.6800, -12.1570, 38.6190$, and if you desaturate by 10%, it is $185.6520, -6.9270, 20.9210$.

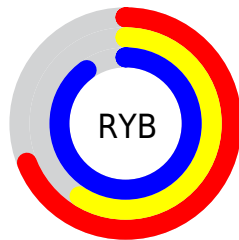
Distribution



Red (69%)

Green (59%)

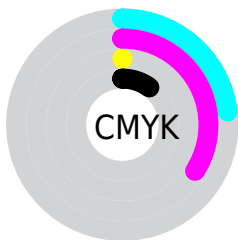
Blue (90%)



Red (69%)

Yellow (59%)

Blue (90%)

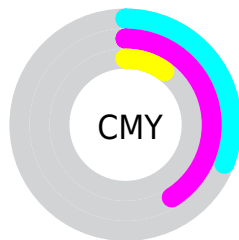


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (10%)



Cyan (31%)

Magenta (41%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.6660, -9.5420, 29.7700 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 167.6660, -9.5420, 29.7700 by changing the saturation by 10% instead.

167.6660, -9.5420,
29.7700

167.6660, -9.5420,
29.7700

255.0000, -0.0000,
-0.0000

141.1390, -9.4960,
28.9360

219.3710, 1.2340,
21.6980

115.1990, -9.7250,
27.5790

242.6730, 5.7750,
10.9830

90.2590, -9.9540,
26.2220

66.0200, -10.7790,
24.6530

42.7810, -11.6040,
23.0840

19.9440, -13.6210,
21.0910

5.4720, -15.4080,

14.9280

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 167.6660, -9.5420,
29.7700

■ 167.6660, -9.5420,
29.7700

■ 149.6800,
-12.1570, 38.6190

■ 185.6520, -6.9270,
20.9210

■ 131.6940,
-14.7720, 47.4680

■ 203.9370, -3.7160,
12.2840

■ 113.4090,
-17.9830, 56.1050

■ 221.9230, -1.1010,
3.4350

■ 95.4230, -20.5980,
64.9540

■ 239.9090, 1.5140,
-5.4140

■ 78.0240, -23.4880,
73.2800

■ 251.4380, 7.1540,
-8.5100

■ 60.0380, -26.1030,
82.1290

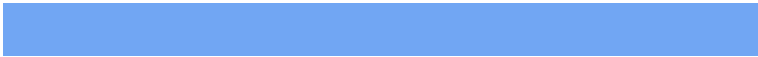
■ 252.0360, 8.3460,
-8.0860

■ 48.8300, -28.2130,
87.3310

Harmonies

Analogous

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



158.9310, -56.3050, 12.7110



167.6660, -9.5420, 29.7700



168.4720, 29.2910, 36.3550

Triad

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



167.6660, -9.5420, 29.7700



162.8230, 57.3580, -4.2580



127.9750, -105.4450, -43.8850

Complementary

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



167.6660, -9.5420, 29.7700



212.3340, 9.5420, -29.7700

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.



147.9660, -39.3320, -36.1000



167.6660, -9.5420, 29.7700



160.1480, 36.7290, -21.3750

Square

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



167.6660, -9.5420, 29.7700



164.6630, 64.4610, 15.7010



155.6430, 4.1780, -31.6780



131.2470, -117.4140, -30.7100

Rectangle

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



167.6660, -9.5420, 29.7700



167.3570, 48.5480, 34.2760



155.6430, 4.1780, -31.6780



135.9580, -80.4120, -40.5080

Sweetspot

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



167.6660, -9.5420, 29.7700



235.2420, -3.2570, 9.4710



190.4160, -39.3380, -2.9380



115.3190, -2.1560, 6.0360



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.



167.6660, -9.5420, 29.7700



172.4350, -12.8450, 40.0750



179.3270, 13.7020, 38.0380



105.5640, -1.4680, 4.5800



38.3460, -21.6990, 68.3890



10.8970, -6.2390, 19.4650

Inverse Universe

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



180.2500, 29.7960, 32.7080



189.3750, 40.1100, 44.0300



200.6730, -13.7020, -38.0380



107.5000, 4.5840, 5.0320



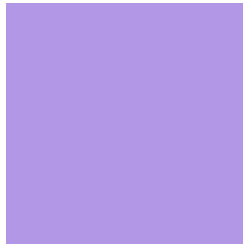
67.0870, 68.4850, 74.9570



19.1250, 19.4820, 21.3860

Previews

White Background



This preview shows how the YIQ color 167.6660, -9.5420, 29.7700 looks on a white background.

Color Contrast Check

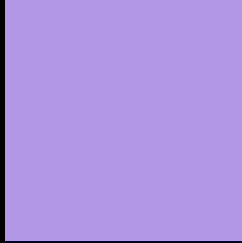
Large Text (above 18pt) WCAG AA × Fail

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 167.6660, -9.5420, 29.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

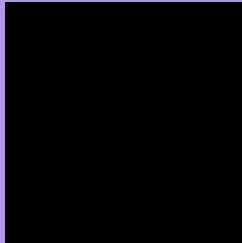
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.6660, -9.5420, 29.7700

Background



This preview shows how black text looks on a background with the YIQ color 167.6660, -9.5420, 29.7700.



This preview shows how white text looks on a background with the YIQ color 167.6660, -9.5420,

29.7700.

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

167.6660, -9.5420, 29.7700

Protanopia

163.9720, -37.1870, 18.6610

Deuteranopia

164.0280, -31.5930, 16.3990



Tritanopia

164.9770, -1.1930, 5.1030

Trichromacy



Original Color

167.6660, -9.5420, 29.7700

Protanomaly

165.1690, -27.3760, 22.5760

Deuteranomaly

165.3820, -23.6620, 21.3460

Tritanomaly

166.1050, -4.1290, 14.2630

Monochromacy



Original Color

167.6660, -9.5420, 29.7700

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.8830, -3.6240, 10.6160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.6660, -9.5420, 29.7700 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(177, 151, 229)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 229)  
}
```

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(177, 151, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 229) }
```

Border

The CSS property to change the border of an element to YIQ 167.6660, -9.5420, 29.7700 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(177, 151, 229) }
```


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

```
.border{ border-color:rgb(177, 151, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 229);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 167.6660, -9.5420, 29.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 229) }
```

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

```
.background{ background-color: rgb(177,  
151, 229) }
```

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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