

Converting Colors

YIQ(118.9960, 17.2730, 66.9450)

Have a look what the booklet for
YIQ(118.9960, 17.2730, 66.9450)
contains.

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Color

**YIQ(118.9960, 17.2730,
66.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	B147D6
RGB	177, 71, 214
RGB Percent	69%, 28%, 84%
CMY	0.3055, 0.7217, 0.1608
CMYK	0.17, 0.67, 0.00, 0.16
HSL	285°, 64%, 56%
HSV	285°, 67%, 84%
XYZ	32.5379, 18.7127, 65.5081
YIQ	118.9960, 17.2730, 66.9450

Conversions

Conversions Part 2

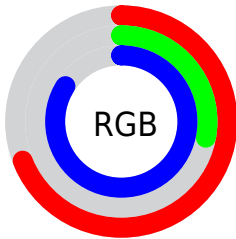
Format	Color
RYB	177, 71, 214
Decimal	11618262
CIELab	50.35, 63.79, -54.44
CIElCh	50, 83.861, 319.517
Yxy	18.7127, 0.2787, 0.1603
Android (android.graphics.Color)	4289808342 (0xFFB147D6)
YUV	118.9960, 46.8370, 50.8695
Hunter-Lab	43.2582, 58.5624, -59.5052

Details

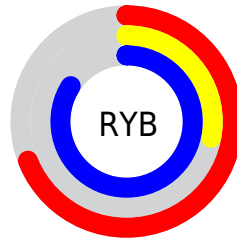
The YIQ color **118.9960, 17.2730, 66.9450** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **166.0040, -17.2730, -66.9450**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1830, 23.8760, 62.9160**, and **53.8920, 20.8020, 74.5780** is the 20% darker color. If you saturate the color by 10%, you get **105.1740, 20.0680, 76.8680**, and if you desaturate by 10%, it is **133.1170, 15.0740, 57.2340**.

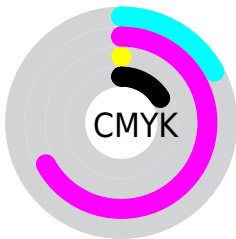
Distribution



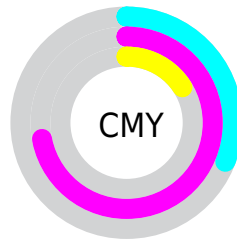
- Red (69%)
- Green (28%)
- Blue (84%)



- Red (69%)
- Yellow (28%)
- Blue (84%)



- Cyan (17%)
- Magenta (67%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (72%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9960, 17.2730, 66.9450 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 118.9960, 17.2730, 66.9450 by changing the saturation by 10% instead.

118.9960, 17.2730,
66.9450

118.9960, 17.2730,
66.9450

255.0000, -0.0000,
-0.0000

89.5230, 17.2270,
67.7790

174.1830, 23.8760,
62.9160

53.8920, 20.8020,
74.5780

195.7130, 27.7750,
52.8230

42.5560, 12.4600,
60.5560

212.7360, 19.8000,
37.6560

31.2200, 4.1180,
46.5340

229.7590, 11.8250,
22.4890

20.8950, -2.7570,
33.4590

246.7820, 3.8500,
7.3220

6.4980, -18.2970,
17.7270

5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 118.9960, 17.2730,
66.9450

■ 118.9960, 17.2730,
66.9450

■ 105.1740, 20.0680,
76.8680

■ 133.1170, 15.0740,
57.2340

■ 90.4660, 22.5420,
87.1020

■ 147.5260, 12.0040,
46.7880

■ 76.6440, 25.3370,
97.0250

■ 161.6470, 9.8050,
37.0770

■ 71.9370, 26.0700,
100.2620

■ 176.0560, 6.7350,
26.6310

190.1770, 4.5360,
16.9200

203.9990, 1.7410,
6.9970

218.7070, -0.7330,
-3.2370

232.5290, -3.5280,
-13.1600

241.9540, -3.5270,
-18.6870

Harmonies

Analogous

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



95.4010, -112.9300, 20.2060



118.9960, 17.2730, 66.9450



85.9410, 90.1680, 95.0000

Triad

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



118.9960, 17.2730, 66.9450



113.3290, 69.8320, -21.0800



106.3870, -94.2610, -26.3010

Complementary

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



118.9960, 17.2730, 66.9450



166.0040, -17.2730, -66.9450

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.



97.2500, -69.9110, -49.1030



118.9960, 17.2730, 66.9450



106.8080, 25.0420, -46.3660

Square

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



118.9960, 17.2730, 66.9450



105.0760, 108.2940, 8.7580



83.3540, -39.0500, -74.2660



112.3950, -113.9340, -5.6620

Rectangle

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



118.9960, 17.2730, 66.9450



83.5730, 111.2150, 82.5030



83.3540, -39.0500, -74.2660



103.6510, -86.5570, -33.7650

Sweetspot

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



118.9960, 17.2730, 66.9450



221.1760, 6.2770, 23.9170



109.6080, -56.3530, 24.5990



107.4110, 3.7570, 14.5170



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.



118.9960, 17.2730, 66.9450



119.4050, 24.5120, 95.4560



126.2970, 49.9180, 64.5260



99.6460, 1.2370, 5.1170



57.4670, 20.8010, 80.1050



14.4700, 5.2690, 20.1570

Inverse Universe

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



117.9750, 73.3510, 41.8230



118.0380, 104.5710, 59.7310



158.7030, -49.9180, -64.5260



99.6310, 5.5930, 3.2650



56.1450, 87.7920, 49.9360



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 118.9960, 17.2730, 66.9450 looks on a white background.

Color Contrast Check

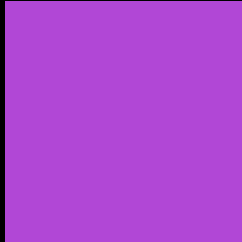
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9960, 17.2730, 66.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

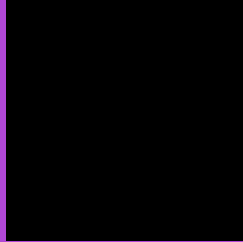
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.9960, 17.2730, 66.9450

Background



This preview shows how black text looks on a background with the YIQ color 118.9960, 17.2730, 66.9450.



This preview shows how white text looks on a background with the YIQ color 118.9960, 17.2730,

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

118.9960, 17.2730, 66.9450

Protanopia

96.1360, -110.8660, 15.8380

Deuteranopia

111.7390, -64.5120, 12.7680



Tritanopia

121.5530, 32.5960, 14.9960

Trichromacy



Original Color

118.9960, 17.2730, 66.9450



Protanomaly

104.5120, -64.4700, 34.0420



Deuteranomaly

114.3720, -34.8970, 32.2310



Tritanomaly

120.2220, 26.9990, 33.8390

Monochromacy



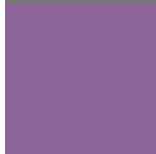
Original Color

118.9960, 17.2730, 66.9450



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

119.2900, 5.9560, 24.2280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9960, 17.2730, 66.9450 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, 71, 214)` looks like.

```
.text, #text, p{  
    color:rgb(177, 71, 214)  
}
```

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, 71, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 71, 214) }
```

Border

The CSS property to change the border of an element to YIQ 118.9960, 17.2730, 66.9450 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, 71, 214) }
```


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

```
.border{ border-color:rgb(177, 71, 214) }
```

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

Here you see how a box with a 4 pixel rgb(177, 71, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 71, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 71, 214);  
box-shadow:4px 4px 4px 4px rgb(177, 71,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9960, 17.2730, 66.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 71, 214) }
```

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

```
.background{ background-color: rgb(177, 71,  
214) }
```

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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