

Converting Colors

YIQ(181.9770, 9.1160, 44.0600)

Have a look what the booklet for
YIQ(181.9770, 9.1160, 44.0600)
contains.

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Color

**YIQ(181.9770, 9.1160,
44.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	DA97F7
RGB	218, 151, 247
RGB Percent	85%, 59%, 97%
CMY	0.1449, 0.4079, 0.0314
CMYK	0.12, 0.39, 0.00, 0.03
HSL	282°, 86%, 78%
HSV	282°, 39%, 97%
XYZ	56.7793, 43.7531, 93.4404
YIQ	181.9770, 9.1160, 44.0600

Conversions

Conversions Part 2

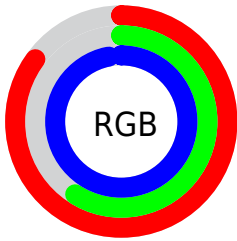
Format	Color
R _Y B	218, 151, 247
Decimal	14325751
CIE Lab	72.06, 41.52, -38.23
CIE LCh	72, 56.436, 317.365
Yxy	43.7531, 0.2927, 0.2256
Android (android.graphics.Color)	4292515831 (0xFFDA97F7)
YUV	181.9770, 32.0563, 31.5922
Hunter-Lab	66.1461, 37.4672, -37.4529

Details

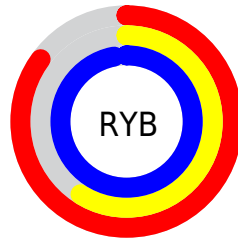
The YIQ color **181.9770, 9.1160, 44.0600** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **216.0230, -9.1160, -44.0600**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2370, 13.4750, 25.6270**, and **128.2110, 8.3370, 41.6570** is the 20% darker color. If you saturate the color by 10%, you get **165.2090, 11.8190, 55.6510**, and if you desaturate by 10%, it is **199.0440, 7.0090, 32.6810**.

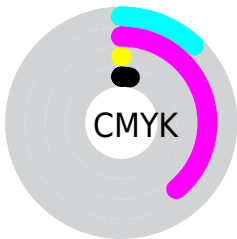
Distribution



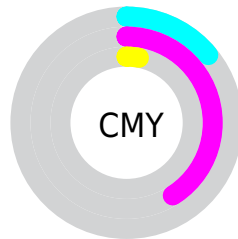
- Red (85%)
- Green (59%)
- Blue (97%)



- Red (85%)
- Yellow (59%)
- Blue (97%)



- Cyan (12%)
- Magenta (39%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (41%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.9770, 9.1160, 44.0600 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 181.9770, 9.1160, 44.0600 by changing the saturation by 10% instead.


 181.9770, 9.1160,
44.0600


 181.9770, 9.1160,
44.0600

255.0000, -0.0000,
-0.0000


 154.4500, 9.1620,
43.2260

 226.2370, 13.4750,
25.6270

 128.2110, 8.3370,
41.6570

 243.2600, 5.5000,
10.4600

 101.4990, 7.4660,
40.9220

 76.5590, 7.2370,
39.5650

 50.6730, 6.9160,
39.8760

 26.5480, 5.7700,
38.6180

 17.2340, 0.3620,

26.4900

■ 4.4460, -12.5190,
12.1290

■ 2.5250, -5.7320,
4.7640

■ 181.9770, 9.1160,
44.0600

■ 181.9770, 9.1160,
44.0600

■ 165.2090, 11.8190,
55.6510

■ 199.0440, 7.0090,
32.6810

■ 148.7290, 13.6510,
66.5070

■ 215.2250, 4.5810,
21.6130

■ 131.9610, 16.3540,
78.0980

■ 231.9930, 1.8780,
10.0220

■ 114.8940, 18.4610,
89.4770

■ 249.0600, -0.2290,
-1.3570

■ 98.1260, 21.1640,
101.0680

■ 254.0880, 2.5680,
-2.4880

■ 81.6460, 22.9960,
111.9240

■ 79.8850, 23.8210,
113.4930

Harmonies

Analogous

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



172.4920, -44.5230, 19.4530



181.9770, 9.1160, 44.0600



178.4040, 50.3340, 45.9660

Triad

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



181.9770, 9.1160, 44.0600



173.0390, 65.0170, -16.4150



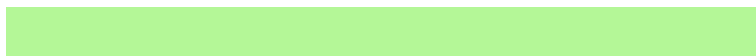
142.0580, -121.6760, -41.5800

Complementary

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



181.9770, 9.1160, 44.0600



216.0230, -9.1160, -44.0600

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.



135.3150, -104.0670, -57.8510



181.9770, 9.1160, 44.0600



168.6660, 31.7340, -35.4820

Square

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



181.9770, 9.1160, 44.0600



174.2760, 78.4920, 9.2120



161.6030, -16.6810, -44.6250



145.4270, -135.2960, -26.0160

Rectangle

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



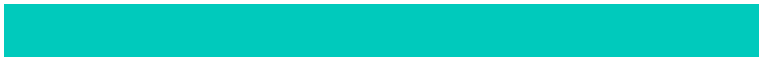
181.9770, 9.1160, 44.0600



172.6530, 62.3940, 36.6500



161.6030, -16.6810, -44.6250



140.0060, -115.8980, -47.1780

Sweetspot

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



181.9770, 9.1160, 44.0600



234.1120, 3.1610, 14.3050



179.5540, -39.0660, 14.1660



115.6400, 1.3740, 8.1420



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.



181.9770, 9.1160, 44.0600



173.7960, 11.5440, 55.1280



188.5960, 32.1780, 44.6100



114.0590, 1.5120, 5.6400



60.0740, 17.7740, 85.4060



18.9850, 5.4970, 27.0410

Inverse Universe

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



183.0100, 47.9070, 29.3710



174.9840, 59.9640, 36.6360



209.4040, -32.1780, -44.6100



114.0440, 5.8680, 3.7880



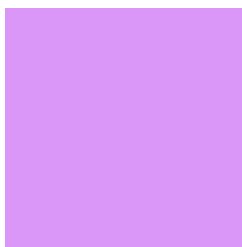
61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 181.9770, 9.1160, 44.0600 looks on a white background.

Color Contrast Check

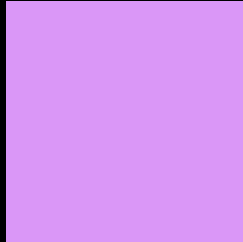
Large Text (above 18pt) WCAG AA × Fail

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 181.9770, 9.1160, 44.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

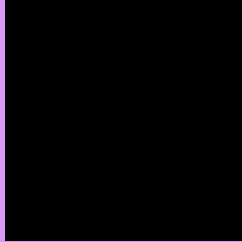
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.9770, 9.1160, 44.0600

Background



This preview shows how black text looks on a background with the YIQ color 181.9770, 9.1160, 44.0600.



This preview shows how white text looks on a background with the YIQ color 181.9770, 9.1160,

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

181.9770, 9.1160, 44.0600

Protanopia

176.0580, -40.3050, 20.1030

Deuteranopia

177.2560, -32.2350, 17.0210



Tritanopia

179.9260, 21.1800, 12.6360

Trichromacy



Original Color

181.9770, 9.1160, 44.0600



Protanomaly

178.4950, -22.2420, 28.6540



Deuteranomaly

178.7790, -17.2900, 27.0140



Tritanomaly

181.0370, 16.9140, 23.8740

Monochromacy



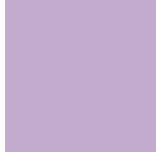
Original Color

181.9770, 9.1160, 44.0600



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

182.1660, 3.0690, 15.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.9770, 9.1160, 44.0600 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(218, 151, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 151, 247)  
}
```

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(218, 151, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 151, 247) }
```

Border

The CSS property to change the border of an element to YIQ 181.9770, 9.1160, 44.0600 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(218, 151, 247) }
```


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

```
.border{ border-color:rgb(218, 151, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 151, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 151, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 151, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 151,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 181.9770, 9.1160, 44.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 151, 247) }
```

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

```
.background{ background-color: rgb(218,  
151, 247) }
```

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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