

Converting Colors

YIQ(181.1280, 7.3730, 48.1170)

Have a look what the booklet for
YIQ(181.1280, 7.3730, 48.1170)
contains.

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Color

**YIQ(181.1280, 7.3730,
48.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	DA94FF
RGB	218, 148, 255
RGB Percent	85%, 58%, 100%
CMY	0.1449, 0.4197, 0.0001
CMYK	0.14, 0.42, 0.00, 0.00
HSL	279°, 100%, 79%
HSV	279°, 42%, 100%
XYZ	57.5644, 43.3044, 99.9208
YIQ	181.1280, 7.3730, 48.1170

Conversions

Conversions Part 2

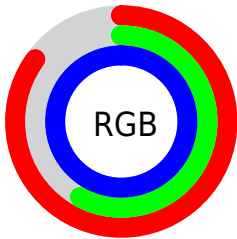
Format	Color
R _Y B	218, 148, 255
Decimal	14324991
CIE Lab	71.76, 44.75, -43.04
CIE LCh	72, 62.093, 316.116
Yxy	43.3044, 0.2867, 0.2157
Android (android.graphics.Color)	4292515071 (0xFFDA94FF)
YUV	181.1280, 36.4189, 32.3367
Hunter-Lab	65.8061, 40.9836, -43.9625

Details

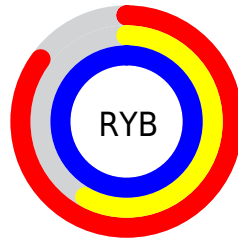
The YIQ color **181.1280, 7.3730, 48.1170** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.8720, -7.3730, -48.1170**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 14.3000, 27.1960**, and **126.4760, 6.2730, 46.0250** is the 20% darker color. If you saturate the color by 10%, you get **163.1750, 9.1590, 59.8070**, and if you desaturate by 10%, it is **198.4940, 5.8620, 36.9500**.

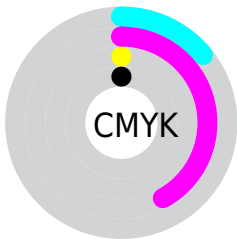
Distribution



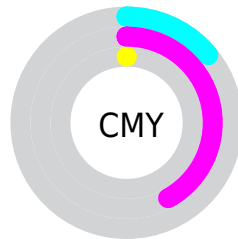
- Red (85%)
- Green (58%)
- Blue (100%)



- Red (85%)
- Yellow (58%)
- Blue (100%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.1280, 7.3730, 48.1170 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 181.1280, 7.3730, 48.1170 by changing the saturation by 10% instead.

 181.1280, 7.3730,
48.1170

 181.1280, 7.3730,
48.1170


255.0000, -0.0000,
-0.0000


 153.3020, 6.8230,
47.0710


 224.4760, 14.3000,
27.1960


 126.4760, 6.2730,
46.0250

 241.4990, 6.3250,
12.0290

 100.5360, 6.0440,
44.6680

 74.7100, 5.4940,
43.6220

 48.1230, 5.7690,
44.1450

 26.6340, 2.6520,
40.0600

 17.0210, -3.3520,

27.7200

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,
6.6300

■ 181.1280, 7.3730,
48.1170

■ 181.1280, 7.3730,
48.1170

■ 163.1750, 9.1590,
59.8070

■ 198.4940, 5.8620,
36.9500

■ 145.8090, 10.6700,
70.9740

■ 216.4470, 4.0760,
25.2600

■ 128.1550, 13.0520,
82.8760

■ 233.5140, 1.9690,
13.8810

■ 110.7890, 14.5630,
94.0430

■ 251.4670, 0.1830,
2.1910

■ 92.8360, 16.3490, 255.0000, -0.0000,
105.7330 -0.0000

■ 79.0030, 17.6770,
114.7090

Harmonies

Analogous

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



168.3170, -51.4000, 17.4320



181.1280, 7.3730, 48.1170



174.7510, 50.9750, 50.8710

Triad

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



181.1280, 7.3730, 48.1170



171.6930, 71.8030, -18.2530



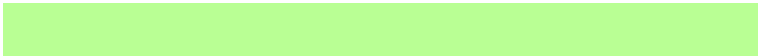
143.2320, -122.2260, -42.6260

Complementary

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



181.1280, 7.3730, 48.1170



221.8720, -7.3730, -48.1170

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.



135.3320, -102.7370, -59.9290



181.1280, 7.3730, 48.1170



166.3690, 36.8240, -39.6240

Square

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



181.1280, 7.3730, 48.1170



169.9560, 82.3890, 10.1730



158.5550, -16.7260, -49.3180



146.4700, -136.8550, -25.2950

Rectangle

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



181.1280, 7.3730, 48.1170



167.9570, 64.5940, 40.8340



158.5550, -16.7260, -49.3180



140.9520, -115.8060, -48.8460

Sweetspot

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



181.1280, 7.3730, 48.1170



232.3400, 2.5190, 14.9270



181.9170, -44.5220, 13.9260



113.2810, 1.0070, 9.2870



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.



181.1280, 7.3730, 48.1170



167.2950, 8.7010, 57.0930



190.3670, 34.5610, 50.9850



118.8740, 0.5950, 5.7390



59.1490, 13.1890, 85.9010



19.8540, 4.4880, 28.8080

Inverse Universe

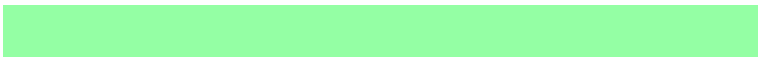
The Inverse Universe completely reimagines the original color for something new.



184.2110, 51.8950, 34.1910



170.8750, 61.8890, 40.2970



212.6330, -34.5610, -50.9850



119.3430, 6.4640, 4.0000



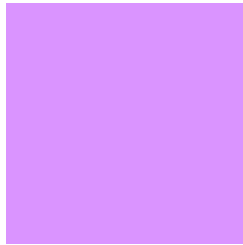
64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 181.1280, 7.3730, 48.1170 looks on a white background.

Color Contrast Check

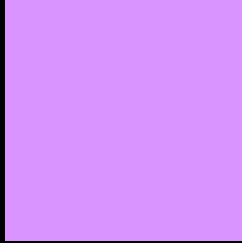
Large Text (above 18pt) WCAG AA × Fail

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 181.1280, 7.3730, 48.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

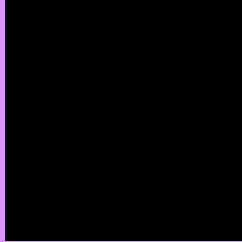
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.1280, 7.3730, 48.1170

Background



This preview shows how black text looks on a background with the YIQ color 181.1280, 7.3730, 48.1170.



This preview shows how white text looks on a background with the YIQ color 181.1280, 7.3730,

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

181.1280, 7.3730, 48.1170

Protanopia

175.7590, -40.9010, 19.8910

Deuteranopia

175.1890, -39.2960, 18.3360



Tritanopia

178.7410, 20.2630, 12.7350

Trichromacy



Original Color

181.1280, 7.3730, 48.1170



Protanomaly

177.9510, -23.5260, 29.8980



Deuteranomaly

177.6090, -22.5630, 28.9650



Tritanomaly

179.6070, 15.3090, 25.4290

Monochromacy



Original Color

181.1280, 7.3730, 48.1170



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

180.9210, 2.3810, 17.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.1280, 7.3730, 48.1170 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, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 148, 255)  
}
```

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, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 148, 255) }
```

Border

The CSS property to change the border of an element to YIQ 181.1280, 7.3730, 48.1170 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, 148, 255) }
```


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

```
.border{ border-color:rgb(218, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 181.1280, 7.3730, 48.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 148, 255) }
```

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

```
.background{ background-color: rgb(218,  
148, 255) }
```

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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