

Converting Colors

YIQ(178.1570, 17.5970, 50.0530)

Have a look what the booklet for
YIQ(178.1570, 17.5970, 50.0530)
contains.

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Color

**YIQ(178.1570, 17.5970,
50.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	E28DF4
RGB	226, 141, 244
RGB Percent	89%, 55%, 96%
CMY	0.1135, 0.4472, 0.0431
CMYK	0.07, 0.42, 0.00, 0.04
HSL	290°, 82%, 75%
HSV	290°, 42%, 96%
XYZ	57.2337, 41.7505, 90.6280
YIQ	178.1570, 17.5970, 50.0530

Conversions

Conversions Part 2

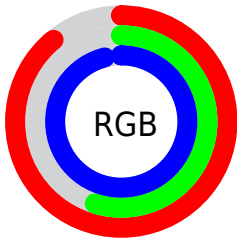
Format	Color
R _Y B	226, 141, 244
Decimal	14847476
CIE Lab	70.70, 48.52, -38.65
CIE LCh	71, 62.035, 321.459
Yxy	41.7505, 0.3018, 0.2202
Android (android.graphics.Color)	4293037556 (0xFFE28DF4)
YUV	178.1570, 32.4606, 41.9583
Hunter-Lab	64.6147, 45.0343, -37.9295

Details

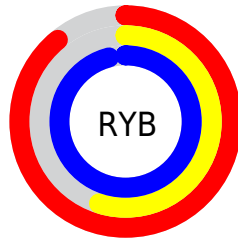
The YIQ color **178.1570, 17.5970, 50.0530** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **206.8430, -17.5970, -50.0530**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.3670, 16.2250, 30.8570**, and **123.5050, 16.4970, 47.9610** is the 20% darker color. If you saturate the color by 10%, you get **162.8730, 21.8130, 61.7570**, and if you desaturate by 10%, it is **193.4410, 13.3810, 38.3490**.

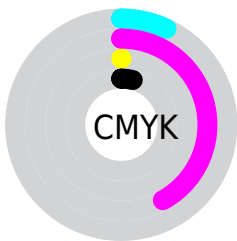
Distribution



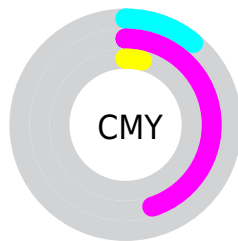
- Red (89%)
- Green (55%)
- Blue (96%)



- Red (89%)
- Yellow (55%)
- Blue (96%)



- Cyan (7%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)





- Cyan (11%)
- Magenta (45%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.1570, 17.5970, 50.0530 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 178.1570, 17.5970, 50.0530 by changing the saturation by 10% instead.


 178.1570, 17.5970,
50.0530

 178.1570, 17.5970,
50.0530


255.0000, -0.0000,
-0.0000

 150.3310, 17.0470,
49.0070


 220.3670, 16.2250,
30.8570


 123.5050, 16.4970,
47.9610


 237.3900, 8.2500,
15.6900

 96.7930, 15.6260,
47.2260

254.4130, 0.2750,
0.5230

 69.9070, 15.3050,
47.5370

 39.2110, 17.5050,
51.7210

 28.0000, 10.3090,
38.9570

 18.8000, 4.5800,

27.1400

■ 4.2180, -11.8770,
11.5070

■ 2.0690, -4.4480,
3.5200

■ 178.1570, 17.5970,
50.0530

■ 178.1570, 17.5970,
50.0530

■ 162.8730, 21.8130,
61.7570

■ 193.4410, 13.3810,
38.3490

■ 147.0020, 26.3040,
73.9840

■ 209.6110, 9.4860,
26.3340

■ 131.4190, 29.9240,
85.4760

■ 224.8950, 5.2700,
14.6300

■ 115.5480, 34.4150,
97.7030

■ 240.7660, 0.7790,
2.4030

■ 100.2640, 38.6310,
109.4070

■ 251.3540, -1.2370,
-5.1170

■ 88.2140, 42.0680,
118.7080

■ 252.8490, 1.7430,
-4.0570

■ 253.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



169.5790, -40.2140, 23.9620



178.1570, 17.5970, 50.0530



170.3340, 56.5230, 49.4430

Triad

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



178.1570, 17.5970, 50.0530



167.3070, 66.8980, -22.9740



141.6820, -123.3730, -38.3570

Complementary

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



178.1570, 17.5970, 50.0530



206.8430, -17.5970, -50.0530

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.



134.3690, -104.1590, -56.1830



178.1570, 17.5970, 50.0530



162.5960, 28.7550, -42.0690

Square

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



178.1570, 17.5970, 50.0530



169.4030, 85.3240, 6.5400



153.2700, -29.1050, -50.7450



144.1220, -135.7550, -23.2030

Rectangle

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



178.1570, 17.5970, 50.0530



165.3010, 69.3170, 37.8370



153.2700, -29.1050, -50.7450



140.1030, -117.5490, -44.7890

Sweetspot

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



178.1570, 17.5970, 50.0530



233.8350, 5.4990, 15.9870



163.8950, -38.2880, 22.0960



114.4770, 3.3910, 10.1350



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.



178.1570, 17.5970, 50.0530



171.8130, 22.0420, 63.1140



179.7770, 38.9180, 43.6060



114.3580, 2.1080, 5.8520



67.2500, 32.0780, 90.4940



21.0780, 9.6690, 28.5250

Inverse Universe

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



173.8490, 55.6100, 27.4340



166.4920, 70.0970, 34.7130



205.2230, -38.9180, -43.6060



113.8160, 6.5100, 3.1660



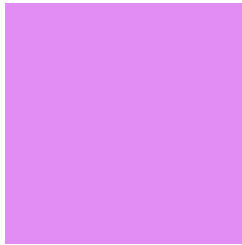
59.2620, 100.5840, 49.3840



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 178.1570, 17.5970, 50.0530 looks on a white background.

Color Contrast Check

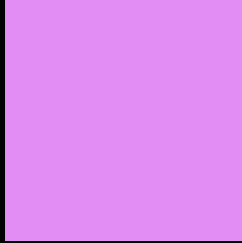
Large Text (above 18pt) WCAG AA × Fail

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 178.1570, 17.5970, 50.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

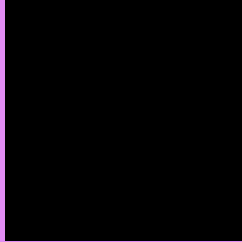
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1570, 17.5970, 50.0530

Background



This preview shows how black text looks on a background with the YIQ color 178.1570, 17.5970, 50.0530.



This preview shows how white text looks on a background with the YIQ color 178.1570, 17.5970,

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

178.1570, 17.5970, 50.0530

Protanopia

172.5030, -43.0560, 20.4000

Deuteranopia

173.2560, -32.2350, 17.0210



Tritanopia

176.0090, 31.3120, 16.2400

Trichromacy



Original Color

178.1570, 17.5970, 50.0530

Protanomaly

174.5600, -20.8670, 31.2690

Deuteranomaly

175.1000, -13.7600, 29.1200

Tritanomaly

176.7610, 26.6790, 28.6230

Monochromacy



Original Color

178.1570, 17.5970, 50.0530

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.1880, 6.0030, 17.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1570, 17.5970, 50.0530 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(226, 141, 244)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 244)  
}
```

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(226, 141, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 244) }
```

Border

The CSS property to change the border of an element to YIQ 178.1570, 17.5970, 50.0530 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(226, 141, 244) }
```


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

```
.border{ border-color:rgb(226, 141, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 141, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 141, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 141, 244);  
box-shadow:4px 4px 4px 4px rgb(226, 141,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1570, 17.5970, 50.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 141, 244) }
```

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

```
.background{ background-color: rgb(226,  
141, 244) }
```

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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