

Converting Colors

YIQ(177.1310, 20.4860, 47.2540)

Have a look what the booklet for
YIQ(177.1310, 20.4860, 47.2540)
contains.

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Color

**YIQ(177.1310, 20.4860,
47.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	E28DEB
RGB	226, 141, 235
RGB Percent	89%, 55%, 92%
CMY	0.1135, 0.4472, 0.0784
CMYK	0.04, 0.40, 0.00, 0.08
HSL	294°, 70%, 74%
HSV	294°, 40%, 92%
XYZ	55.9002, 41.2171, 83.6083
YIQ	177.1310, 20.4860, 47.2540

Conversions

Conversions Part 2

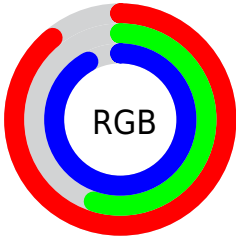
Format	Color
R_{YB}	226, 141, 235
Decimal	14847467
CIE _{Lab}	70.33, 46.82, -34.30
CIE _{LCh}	70, 58.038, 323.768
Yxy	41.2171, 0.3093, 0.2281
Android (android.graphics.Color)	4293037547 (0xFFE28DEB)
YUV	177.1310, 28.5294, 42.8581
Hunter-Lab	64.2005, 43.0714, -32.2730

Details

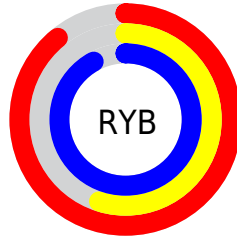
The YIQ color $177.1310, 20.4860, 47.2540$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $198.8690, -20.4860, -47.2540$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $220.3670, 16.2250, 30.8570$, and $122.5930, 19.0650, 45.4730$ is the 20% darker color. If you saturate the color by 10%, you get $162.4450, 25.8940, 59.3820$, and if you desaturate by 10%, it is $191.2300, 15.3530, 35.6490$.

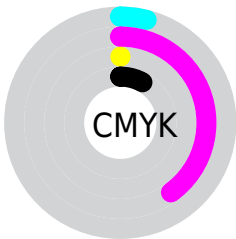
Distribution



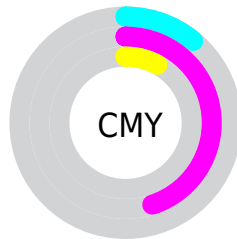
- Red (89%)
- Green (55%)
- Blue (92%)



- Red (89%)
- Yellow (55%)
- Blue (92%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (8%)





- Cyan (11%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.1310, 20.4860, 47.2540 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 177.1310, 20.4860, 47.2540 by changing the saturation by 10% instead.


 177.1310, 20.4860,
47.2540

 177.1310, 20.4860,
47.2540


255.0000, -0.0000,
-0.0000

 149.4190, 19.6150,
46.5190


 220.3670, 16.2250,
30.8570


 122.5930, 19.0650,
45.4730

 237.3900, 8.2500,
15.6900

 96.1800, 18.7900,
44.9500

254.4130, 0.2750,
0.5230

 69.8810, 18.1940,
44.7380

 39.4730, 19.5230,
48.1870

 27.5010, 13.1520,
36.9920

 18.3010, 7.4230,

25.1750

■ 3.5340, -9.9510,
9.6410

■ 0.1140, -0.3210,
0.3110

■ 177.1310, 20.4860,
47.2540

■ 177.1310, 20.4860,
47.2540

■ 162.4450, 25.8940,
59.3820

■ 191.2300, 15.3530,
35.6490

■ 148.3460, 31.0270,
70.9870

■ 206.2150, 10.5410,
23.7330

■ 133.3610, 35.8390,
82.9030

■ 220.3140, 5.4080,
12.1280

■ 119.2620, 40.9720,
94.5080

■ 235.0000, 0.0000,
-0.0000

■ 104.5760, 46.3800,
106.6360

■ 247.3380, -4.3080,
-10.0360

■ 90.4770, 51.5130,
118.2410

■ 247.9360, -3.1160,
-9.6120

■ 248.8330, -1.3280,
-8.9760

■ 249.4310, -0.1360,
-8.5520

■ 250.0290, 1.0560,
-8.1280

Harmonies

Analogous

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



171.3950, -33.7040, 27.1280



177.1310, 20.4860, 47.2540



171.2970, 57.9450, 45.6970

Triad

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



177.1310, 20.4860, 47.2540



167.0120, 60.4790, -22.2810



140.5080, -122.8230, -37.3110

Complementary

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



177.1310, 20.4860, 47.2540



198.8690, -20.4860, -47.2540

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.



133.7650, -105.2140, -53.5820



177.1310, 20.4860, 47.2540



162.5400, 23.1610, -39.8070

Square

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



177.1310, 20.4860, 47.2540



169.5980, 80.2810, 4.3210



153.0080, -31.1230, -47.2110



142.3610, -134.9300, -21.6340

Rectangle

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



177.1310, 20.4860, 47.2540



167.3070, 69.1800, 34.8120



153.0080, -31.1230, -47.2110



138.4560, -117.0450, -42.9090

Sweetspot

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



177.1310, 20.4860, 47.2540



235.9060, 6.7370, 15.5770



156.9990, -32.6490, 24.5270



116.8360, 3.7580, 8.9900



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.



177.1310, 20.4860, 47.2540



179.7980, 26.3980, 61.2620



175.4900, 38.0480, 37.3440



110.2440, 2.4290, 5.5410



69.6700, 39.6430, 91.0590



20.5080, 11.2740, 26.9700

Inverse Universe

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



170.1320, 53.1350, 22.7270



170.7320, 69.1810, 29.2850



200.5100, -38.0480, -37.3440



109.4030, 6.2350, 2.6430



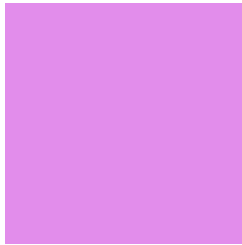
56.0570, 102.4190, 43.6590



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 177.1310, 20.4860, 47.2540 looks on a white background.

Color Contrast Check

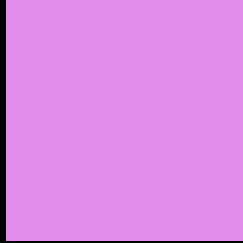
Large Text (above 18pt) WCAG AA × Fail

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 177.1310, 20.4860, 47.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

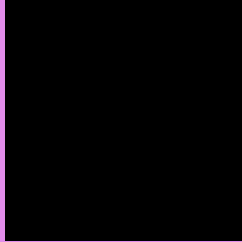
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.1310, 20.4860, 47.2540

Background



This preview shows how black text looks on a background with the YIQ color 177.1310, 20.4860, 47.2540.



This preview shows how white text looks on a background with the YIQ color 177.1310, 20.4860,

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

177.1310, 20.4860, 47.2540

Protanopia

171.6170, -43.3770, 20.7110

Deuteranopia

172.9530, -27.0080, 15.9040



Tritanopia

174.9060, 33.1000, 16.8760

Trichromacy



Original Color

177.1310, 20.4860, 47.2540



Protanomaly

173.3320, -20.2250, 30.6470



Deuteranomaly

174.1990, -9.7250, 27.5790



Tritanomaly

175.7180, 28.2380, 27.9020

Monochromacy



Original Color

177.1310, 20.4860, 47.2540



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.1450, 7.5620, 17.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.1310, 20.4860, 47.2540 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 235) }
```

Border

The CSS property to change the border of an element to YIQ 177.1310, 20.4860, 47.2540 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, 235) }
```


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

```
.border{ border-color:rgb(226, 141, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 141, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 141, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 141,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 177.1310, 20.4860, 47.2540 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, 235) }
```

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

```
.background{ background-color: rgb(226,  
141, 235) }
```

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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