

Converting Colors

YIQ(177.1030, -0.6470, 28.2570)

Have a look what the booklet for
YIQ(177.1030, -0.6470, 28.2570)
contains.

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Color

**YIQ(177.1030, -0.6470,
28.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	C29FE2
RGB	194, 159, 226
RGB Percent	76%, 62%, 89%
CMY	0.2391, 0.3765, 0.1138
CMYK	0.14, 0.30, 0.00, 0.11
HSL	271°, 54%, 75%
HSV	271°, 30%, 89%
XYZ	48.3775, 41.7551, 77.4513
YIQ	177.1030, -0.6470, 28.2570

Conversions

Conversions Part 2

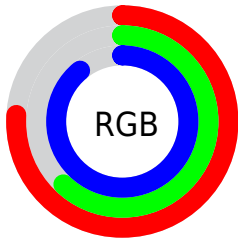
Format	Color
RYB	194, 159, 226
Decimal	12754914
CIELab	70.70, 25.50, -29.05
CIElCh	71, 38.652, 311.278
Yxy	41.7551, 0.2887, 0.2492
Android (android.graphics.Color)	4290944994 (0xFFC29FE2)
YUV	177.1030, 24.1062, 14.8187
Hunter-Lab	64.6181, 20.5554, -25.8323

Details

The YIQ color $177.1030, -0.6470, 28.2570$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $207.8970, 0.6470, -28.2570$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $229.7370, 8.8910, 20.5950$, and $124.0490, -0.5550, 26.5890$ is the 20% darker color. If you saturate the color by 10%, you get $160.3130, -0.8780, 37.9540$, and if you desaturate by 10%, it is $193.8930, -0.4160, 18.5600$.

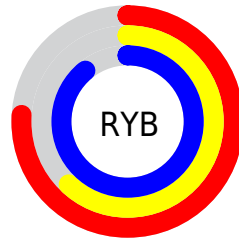
Distribution



Red (76%)

Green (62%)

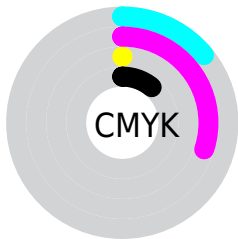
Blue (89%)



Red (76%)

Yellow (62%)

Blue (89%)

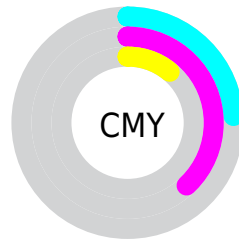


Cyan (14%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.1030, -0.6470, 28.2570 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 177.1030, -0.6470, 28.2570 by changing the saturation by 10% instead.

177.1030, -0.6470,
28.2570

177.1030, -0.6470,
28.2570

255.0000, -0.0000,
-0.0000

150.2770, -1.1970,
27.2110

229.7370, 8.8910,
20.5950

124.0490, -0.5550,
26.5890

247.3690, 3.5750,
6.7990

98.9240, -1.7010,
25.3310

74.3970, -1.6550,
24.4970

51.4570, -1.8840,
23.1400

28.6310, -2.4340,
22.0940

11.9360, -1.9750,

19.2810

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 177.1030, -0.6470,
28.2570

■ 177.1030, -0.6470,
28.2570

■ 160.3130, -0.8780,
37.9540

■ 193.8930, -0.4160,
18.5600

■ 144.1100, -1.3840,
47.1280

■ 210.0960, 0.0900,
9.3860

■ 127.6190, -1.0190,
57.0370

■ 226.5870, -0.2750,
-0.5230

■ 111.4160, -1.5250,
66.2110

■ 242.7900, 0.2310,
-9.6970

■ 94.6260, -1.7560,
75.9080

■ 249.6010, 5.1370,
-10.5030

■ 77.8360, -1.9870,
85.6050

■ 251.6940, 9.3090,
-9.0190

■ 61.9320, -1.8970,
94.9910

■ 61.0460, -2.2180,
95.3020

Harmonies

Analogous

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



171.6080, -39.1580, 15.8340



177.1030, -0.6470, 28.2570



177.3920, 32.2720, 31.8880

Triad

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



177.1030, -0.6470, 28.2570



172.1640, 48.9680, -6.3920



147.8470, -84.1730, -32.9170

Complementary

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



177.1030, -0.6470, 28.2570



207.8970, 0.6470, -28.2570

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.



158.4160, -40.4790, -31.8310



177.1030, -0.6470, 28.2570



169.1840, 27.8800, -20.6960

Square

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



177.1030, -0.6470, 28.2570



174.3800, 57.7680, 10.3440



164.6300, -2.9750, -28.6950



139.0840, -115.3970, -28.7170

Rectangle

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



177.1030, -0.6470, 28.2570



176.2980, 47.0360, 28.6360



164.6300, -2.9750, -28.6950



152.1600, -68.9970, -32.6210

Sweetspot

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



177.1030, -0.6470, 28.2570



238.2100, -0.2310, 9.6970



185.4220, -30.3070, 4.1010



117.1020, -0.0470, 6.3610



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.



177.1030, -0.6470, 28.2570



187.8400, -0.9240, 38.7880



186.5570, 18.7460, 34.7300



104.0480, 0.0450, 4.6930



47.5720, -1.6640, 74.2400



12.9470, -0.5080, 20.2280

Inverse Universe

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



182.6810, 29.6600, 24.1560



195.5240, 40.7080, 33.1880



198.4430, -18.7460, -34.7300



104.8590, 4.9510, 3.8870



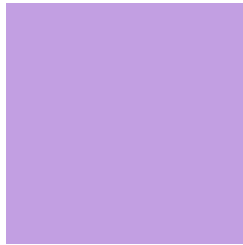
62.2000, 77.9320, 63.4360



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 177.1030, -0.6470, 28.2570 looks on a white background.

Color Contrast Check

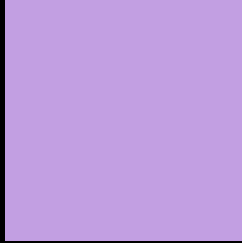
Large Text (above 18pt) WCAG AA × Fail

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 177.1030, -0.6470, 28.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

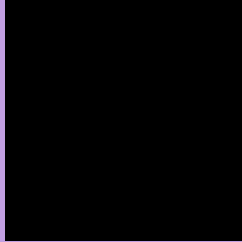
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.1030, -0.6470, 28.2570

Background



This preview shows how black text looks on a background with the YIQ color 177.1030, -0.6470, 28.2570.



This preview shows how white text looks on a background with the YIQ color 177.1030, -0.6470,

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

177.1030, -0.6470, 28.2570

Protanopia

173.5120, -30.0800, 16.5120

Deuteranopia

174.0630, -21.5060, 15.3100



Tritanopia

175.1630, 7.1510, 8.0710

Trichromacy



Original Color

177.1030, -0.6470, 28.2570

Protanomaly

175.0080, -19.6730, 20.6390

Deuteranomaly

175.1180, -14.1710, 20.0450

Tritanomaly

176.1230, 4.6280, 15.2520

Monochromacy



Original Color

177.1030, -0.6470, 28.2570

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.7370, -0.2770, 10.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.1030, -0.6470, 28.2570 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(194, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 226)  
}
```

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(194, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 226) }
```

Border

The CSS property to change the border of an element to YIQ 177.1030, -0.6470, 28.2570 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(194, 159, 226) }
```


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

```
.border{ border-color:rgb(194, 159, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 177.1030, -0.6470, 28.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 226) }
```

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

```
.background{ background-color: rgb(194,  
159, 226) }
```

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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