

Converting Colors

YIQ(171.4370, 11.1770, 56.2730)

Have a look what the booklet for
YIQ(171.4370, 11.1770, 56.2730)
contains.

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Color

**YIQ(171.4370, 11.1770,
56.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	D984FF
RGB	217, 132, 255
RGB Percent	85%, 52%, 100%
CMY	0.1487, 0.4825, 0.0000
CMYK	0.15, 0.48, 0.00, 0.00
HSL	282°, 100%, 76%
HSV	282°, 48%, 100%
XYZ	54.9308, 38.4747, 99.1280
YIQ	171.4370, 11.1770, 56.2730

Conversions

Conversions Part 2

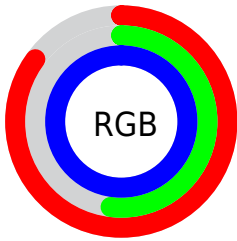
Format	Color
RYB	217, 132, 255
Decimal	14255359
CIELab	68.37, 52.82, -48.38
CIELCh	68, 71.626, 317.516
Yxy	38.4747, 0.2853, 0.1998
Android (android.graphics.Color)	4292445439 (0xFFD984FF)
YUV	171.4370, 41.1966, 39.9588
Hunter-Lab	62.0280, 49.5272, -51.3328

Details

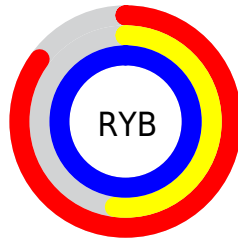
The YIQ color **171.4370, 11.1770, 56.2730** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **215.5630, -11.1770, -56.2730**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0840, 18.7000, 35.5640**, and **116.7850, 10.0770, 54.1810** is the 20% darker color. If you saturate the color by 10%, you get **153.7830, 13.5590, 68.1750**, and if you desaturate by 10%, it is **188.5040, 9.0700, 44.8940**.

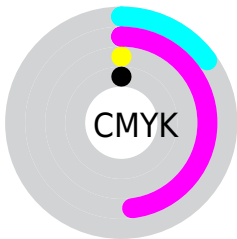
Distribution



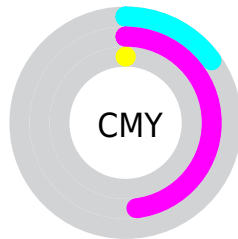
- Red (85%)
- Green (52%)
- Blue (100%)



- Red (85%)
- Yellow (52%)
- Blue (100%)



- Cyan (15%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.4370, 11.1770, 56.2730 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 171.4370, 11.1770, 56.2730 by changing the saturation by 10% instead.


 171.4370, 11.1770,
56.2730


 171.4370, 11.1770,
56.2730

255.0000, -0.0000,
-0.0000


 143.6110, 10.6270,
55.2270


 215.0840, 18.7000,
35.5640


 116.7850, 10.0770,
54.1810


 232.1070, 10.7250,
20.3970

 89.3720, 9.8020,
53.6580

 249.1300, 2.7500,
5.2300

 61.7850, 10.0770,
54.1810

 36.6600, 8.9310,
52.9230

 25.7370, 0.8640,
39.4240

 15.7110, -5.4150,

26.5610

■ 5.6030, -14.3990,
13.1610

■ 3.0950, -7.3370,
6.3190

■ 171.4370, 11.1770,
56.2730

■ 171.4370, 11.1770,
56.2730

■ 153.7830, 13.5590,
68.1750

■ 188.5040, 9.0700,
44.8940

■ 136.7160, 15.6660,
79.5540

■ 206.1580, 6.6880,
32.9920

■ 119.0620, 18.0480,
91.4560

■ 223.2250, 4.5810,
21.6130

■ 102.2940, 20.7510,
103.0470

■ 240.8790, 2.1990,
9.7110

■ 84.6400, 23.1330, 255.0000, -0.0000,
114.9490 -0.0000

■ 81.6940, 23.0410,
116.6170

Harmonies

Analogous

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



156.1680, -61.1660, 18.2100



171.4370, 11.1770, 56.2730



160.9250, 59.5930, 59.8890

Triad

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



171.4370, 11.1770, 56.2730



158.6430, 83.2670, -27.7810



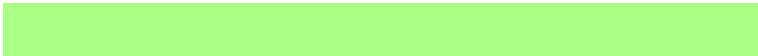
138.8950, -119.6590, -39.5870

Complementary

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



171.4370, 11.1770, 56.2730



215.5630, -11.1770, -56.2730

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.



129.9690, -97.2810, -59.6890



171.4370, 11.1770, 56.2730



153.0580, 44.5290, -52.6150

Square

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



171.4370, 11.1770, 56.2730



159.0020, 93.9430, 10.0310



143.4950, -25.6650, -58.0250



142.3610, -134.9300, -21.6340

Rectangle

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



171.4370, 11.1770, 56.2730



152.9740, 75.0920, 48.8200



143.4950, -25.6650, -58.0250



136.3870, -112.5970, -46.4290

Sweetspot

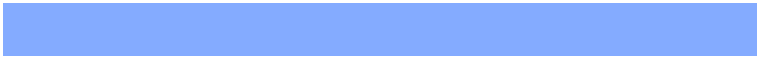
The Sweet Spot groups the original color and five complimentary colors.



171.4370, 11.1770, 56.2730



230.5790, 3.3440, 16.4960



168.9150, -50.2080, 17.8560



112.9930, 1.8780, 10.0220



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.



171.4370, 11.1770, 56.2730



154.3700, 13.2840, 67.6520



180.1770, 41.2080, 57.1760



119.1730, 1.1910, 5.9510



61.2420, 17.3610, 87.3850



20.4520, 5.6800, 29.2320

Inverse Universe

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



173.1090, 61.1100, 37.8940



156.4960, 73.4420, 45.6820



206.8230, -41.2080, -57.1760



119.3430, 6.4640, 4.0000



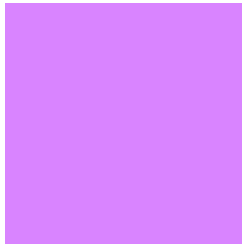
63.8350, 94.8970, 58.8410



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 171.4370, 11.1770, 56.2730 looks on a white background.

Color Contrast Check

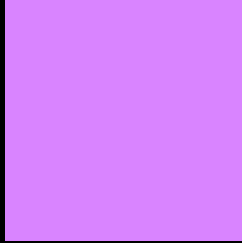
Large Text (above 18pt) WCAG AA × Fail

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 171.4370, 11.1770, 56.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

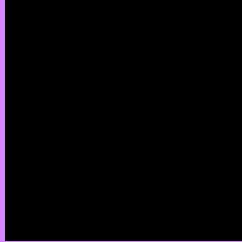
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.4370, 11.1770, 56.2730

Background



This preview shows how black text looks on a background with the YIQ color 171.4370, 11.1770, 56.2730.



This preview shows how white text looks on a background with the YIQ color 171.4370, 11.1770,

56.2730.

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

171.4370, 11.1770, 56.2730

Protanopia

165.1050, -47.6870, 21.7290

Deuteranopia

164.8830, -47.1820, 18.0820



Tritanopia

169.3180, 25.9480, 14.3320

Trichromacy



Original Color

171.4370, 11.1770, 56.2730



Protanomaly

167.3300, -25.9110, 34.5770



Deuteranomaly

167.4500, -26.3690, 31.8630



Tritanomaly

169.8790, 20.5350, 29.8390

Monochromacy



Original Color

171.4370, 11.1770, 56.2730



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

171.3990, 4.0310, 20.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4370, 11.1770, 56.2730 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(217, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 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(217, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 255) }
```

Border

The CSS property to change the border of an element to YIQ 171.4370, 11.1770, 56.2730 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(217, 132, 255) }
```


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

```
.border{ border-color:rgb(217, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4370, 11.1770, 56.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 255) }
```

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

```
.background{ background-color: rgb(217,  
132, 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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