

Converting Colors

YIQ(170.6470, -8.5310, 16.9490)

Have a look what the booklet for
YIQ(170.6470, -8.5310, 16.9490)
contains.

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Color

**YIQ(170.6470, -8.5310,
16.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA2D1
RGB	173, 162, 209
RGB Percent	68%, 64%, 82%
CMY	0.3215, 0.3647, 0.1805
CMYK	0.17, 0.22, 0.00, 0.18
HSL	254°, 34%, 73%
HSV	254°, 22%, 82%
XYZ	41.6626, 39.3275, 65.7051
YIQ	170.6470, -8.5310, 16.9490

Conversions

Conversions Part 2

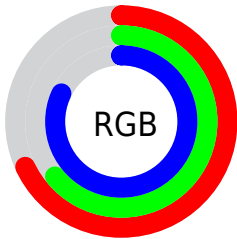
Format	Color
RYB	173, 162, 209
Decimal	11379409
CIELab	68.99, 13.49, -22.48
CIELCh	69, 26.215, 300.967
Yxy	39.3275, 0.2840, 0.2681
Android (android.graphics.Color)	4289569489 (0xFFADA2D1)
YUV	170.6470, 18.9080, 2.0636
Hunter-Lab	62.7116, 8.8416, -18.2220

Details

The YIQ color $170.6470, -8.5310, 16.9490$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $200.3530, 8.5310, -16.9490$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $224.9200, -5.0460, 14.3620$, and $118.0060, -8.1640, 15.8040$ is the 20% darker color. If you saturate the color by 10%, you get $153.5360, -12.2920, 24.5400$, and if you desaturate by 10%, it is $187.7580, -4.7700, 9.3580$.

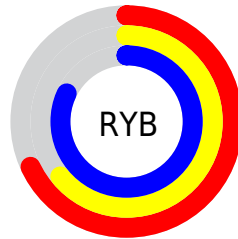
Distribution



Red (68%)

Green (64%)

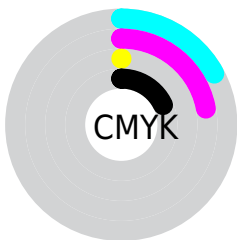
Blue (82%)



Red (68%)

Yellow (64%)

Blue (82%)

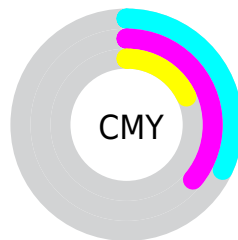


Cyan (17%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.6470, -8.5310, 16.9490 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 170.6470, -8.5310, 16.9490 by changing the saturation by 10% instead.

■ 170.6470, -8.5310,
16.9490

■ 170.6470, -8.5310,
16.9490

■ 255.0000, -0.0000,
-0.0000

■ 144.1200, -8.4850,
16.1150

■ 224.9200, -5.0460,
14.3620

■ 118.0060, -8.1640,
15.8040

■ 249.1300, 2.7500,
5.2300

■ 93.4790, -8.1180,
14.9700

■ 69.9520, -8.0720,
14.1360

■ 47.1260, -8.6220,
13.0900

■ 25.3000, -9.1720,
12.0440

■ 3.8760, -10.9140,

10.5740

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 170.6470, -8.5310,
16.9490

■ 170.6470, -8.5310,
16.9490

■ 153.5360,
-12.2920, 24.5400

■ 187.7580, -4.7700,
9.3580

■ 136.4250,
-16.0530, 32.1310

■ 204.8690, -1.0090,
1.7670

■ 119.3140,
-19.8140, 39.7220

■ 221.9800, 2.7520,
-5.8240

■ 102.2030,
-23.5750, 47.3130

■ 239.0910, 6.5130,
-13.4150

■ 85.6790, -27.6110,
54.3810

■ 249.1580, 13.5740,
-14.7300

■ 68.5680, -31.3720,
61.9720

■ 249.7560, 14.7660,
-14.3060

■ 51.4570, -35.1330,
69.5630

■ 38.4770, -37.8850,
75.3870

Harmonies

Analogous

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



166.1600, -32.3250, 7.6350



170.6470, -8.5310, 16.9490



172.6730, 14.9430, 21.0470

Triad

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



170.6470, -8.5310, 16.9490



169.2200, 37.3670, 0.1110



158.2780, -39.6100, -20.0420

Complementary

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



170.6470, -8.5310, 16.9490



200.3530, 8.5310, -16.9490

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.



161.0710, -17.0980, -20.5380



170.6470, -8.5310, 16.9490



167.1380, 25.4940, -10.4900

Square

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



170.6470, -8.5310, 16.9490



170.9250, 40.1160, 10.8680



164.1570, 6.1470, -17.7970



157.1380, -53.5950, -14.3870

Rectangle

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



170.6470, -8.5310, 16.9490



172.4910, 27.1390, 20.2830



164.1570, 6.1470, -17.7970



158.8720, -32.5950, -20.5230

Sweetspot

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



170.6470, -8.5310, 16.9490



240.2480, -3.3940, 6.4460



188.4900, -24.9870, -4.2110



119.1510, -1.7430, 4.0570



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.



170.6470, -8.5310, 16.9490



198.6500, -12.6130, 24.8510



177.5240, 5.1770, 21.8250



96.1510, -1.7430, 4.0570



30.8130, -30.6840, 60.5160



7.6640, -7.2010, 14.8710

Inverse Universe

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



180.1570, 16.4560, 21.1600



212.6730, 24.1110, 31.1110



193.4760, -5.1770, -21.8250



98.2010, 3.9880, 4.8200



64.9380, 58.7190, 75.7350



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 170.6470, -8.5310, 16.9490 looks on a white background.

Color Contrast Check

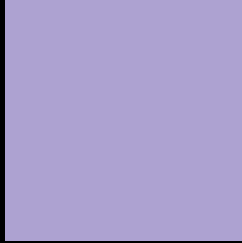
Large Text (above 18pt) WCAG AA × Fail

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 170.6470, -8.5310, 16.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

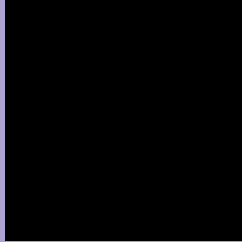
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6470, -8.5310, 16.9490

Background



This preview shows how black text looks on a background with the YIQ color 170.6470, -8.5310, 16.9490.



This preview shows how white text looks on a background with the YIQ color 170.6470, -8.5310,

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

170.6470, -8.5310, 16.9490

Protanopia

169.1400, -20.4050, 11.8750

Deuteranopia

169.6030, -14.3990, 13.1610



Tritanopia

168.7810, -3.5770, 4.2550

Trichromacy



Original Color

170.6470, -8.5310, 16.9490

Protanomaly

169.6460, -15.9580, 13.8820

Deuteranomaly

169.9130, -12.3360, 14.3200

Tritanomaly

169.4590, -5.3660, 9.1460

Monochromacy



Original Color

170.6470, -8.5310, 16.9490

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1340, -3.0730, 6.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6470, -8.5310, 16.9490 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(173, 162, 209)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 209)  
}
```

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(173, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 209) }
```

Border

The CSS property to change the border of an element to YIQ 170.6470, -8.5310, 16.9490 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(173, 162, 209) }
```


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

```
.border{ border-color:rgb(173, 162, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 209);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6470, -8.5310, 16.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 209) }
```

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

```
.background{ background-color: rgb(173,  
162, 209) }
```

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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