

Converting Colors

YIQ(173.3570, -13.3460,
21.6140)

Have a look what the booklet for
YIQ(173.3570, -13.3460, 21.6140)
contains.

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Color

**YIQ(173.3570, -13.3460,
21.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA3E1
RGB	174, 163, 225
RGB Percent	68%, 64%, 88%
CMY	0.3176, 0.3608, 0.1177
CMYK	0.23, 0.28, 0.00, 0.12
HSL	251°, 51%, 76%
HSV	251°, 28%, 88%
XYZ	44.1427, 40.6282, 76.7312
YIQ	173.3570, -13.3460, 21.6140

Conversions

Conversions Part 2

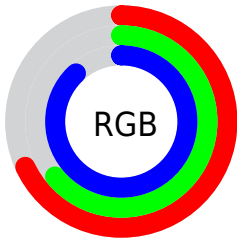
Format	Color
RYB	174, 163, 225
Decimal	11445217
CIELab	69.91, 16.89, -29.85
CIELCh	70, 34.295, 299.496
Yxy	40.6282, 0.2733, 0.2516
Android (android.graphics.Color)	4289635297 (0xFFAEA3E1)
YUV	173.3570, 25.4600, 0.5639
Hunter-Lab	63.7403, 12.0731, -26.7557

Details

The YIQ color $173.3570, -13.3460, 21.6140$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $214.6430, 13.3460, -21.6140$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.8060, -4.7250, 14.0510$, and $120.3030, -13.2540, 19.9460$ is the 20% darker color. If you saturate the color by 10%, you get $155.0610, -18.0240, 29.3040$, and if you desaturate by 10%, it is $191.9520, -8.0720, 14.1360$.

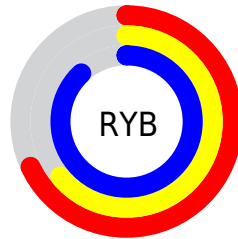
Distribution



Red (68%)

Green (64%)

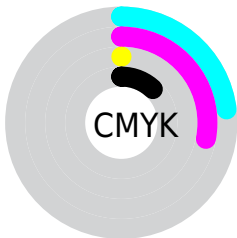
Blue (88%)



Red (68%)

Yellow (64%)

Blue (88%)

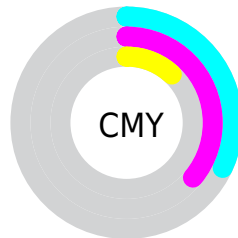


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3570, -13.3460, 21.6140 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 173.3570, -13.3460, 21.6140 by changing the saturation by 10% instead.

■ 173.3570,
-13.3460, 21.6140

■ 173.3570,
-13.3460, 21.6140

■ 255.0000, -0.0000,
-0.0000

■ 146.8300,
-13.3000, 20.7800

■ 225.8060, -4.7250,
14.0510

■ 120.3030,
-13.2540, 19.9460

■ 249.7170, 2.4750,
4.7070

■ 95.7760, -13.2080,
19.1120

■ 71.8360, -13.4370,
17.7550

■ 48.5970, -14.2620,
16.1860

■ 26.0590, -15.6830,
14.4050

■ 5.5430, -14.1700,

14.5180

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 173.3570,
-13.3460, 21.6140

■ 173.3570,
-13.3460, 21.6140

■ 155.0610,
-18.0240, 29.3040

■ 191.9520, -8.0720,
14.1360

■ 135.8790,
-23.0230, 37.3050

■ 210.8350, -3.6690,
5.9230

■ 117.5830,
-27.7010, 44.9950

■ 229.4300, 1.6050,
-1.5550

■ 98.4010, -32.7000,
52.9960

■ 248.3130, 6.0080,
-9.7680

■ 80.1050, -37.3780,
60.6860

■ 251.5800, 9.6300,
-9.3300

■ 60.9230, -42.3770,
68.6870

■ 42.6270, -47.0550,
76.3770

■ 37.6100, -48.3850,
78.4550

Harmonies

Analogous

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



166.6730, -46.9510, 8.3850



173.3570, -13.3460, 21.6140



175.7430, 17.9220, 27.6340

Triad

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



173.3570, -13.3460, 21.6140



171.3800, 48.6000, 0.2800



155.0370, -55.2890, -27.7450

Complementary

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



173.3570, -13.3460, 21.6140



214.6430, 13.3460, -21.6140

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.



161.1040, -21.8650, -27.7610



173.3570, -13.3460, 21.6140



168.9230, 33.2890, -14.0950

Square

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



173.3570, -13.3460, 21.6140



172.7200, 51.1190, 15.2070



165.5500, 9.1740, -23.0980



150.2100, -80.4610, -23.0930

Rectangle

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



173.3570, -13.3460, 21.6140



175.0130, 34.6570, 27.2090



165.5500, 9.1740, -23.0980



157.0830, -43.7350, -27.8870

Sweetspot

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



173.3570, -13.3460, 21.6140



238.1770, -4.6320, 6.8560



200.5920, -34.2020, -7.9140



117.0800, -2.9810, 4.4670



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.



173.3570, -13.3460, 21.6140



185.0610, -18.0240, 29.3040



182.3270, 4.5340, 27.9740



102.8520, -2.3390, 3.8450



29.3330, -38.0200, 61.3080



8.1630, -10.0440, 16.8360

Inverse Universe

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



187.3520, 20.5810, 29.0050



203.9820, 27.9150, 39.2670



205.6730, -4.5340, -27.9740



105.3150, 3.6670, 5.1310



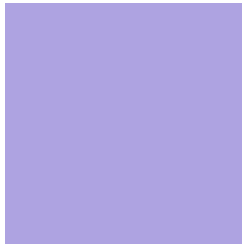
69.1540, 58.3510, 82.4070



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 173.3570, -13.3460, 21.6140 looks on a white background.

Color Contrast Check

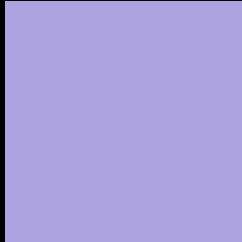
Large Text (above 18pt) WCAG AA × Fail

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 173.3570, -13.3460, 21.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

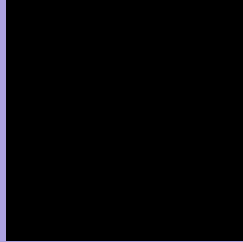
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.3570, -13.3460, 21.6140

Background



This preview shows how black text looks on a background with the YIQ color 173.3570, -13.3460, 21.6140.



This preview shows how white text looks on a background with the YIQ color 173.3570, -13.3460,

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

173.3570, -13.3460, 21.6140

Protanopia

171.3550, -28.2000, 15.4800

Deuteranopia

171.6930, -23.3400, 15.5080



Tritanopia

170.9870, -7.1530, 2.9830

Trichromacy



Original Color

173.3570, -13.3460, 21.6140

Protanomaly

172.1600, -23.1570, 17.6990

Deuteranomaly

172.0140, -19.8100, 17.6140

Tritanomaly

171.8330, -9.3550, 9.8530

Monochromacy



Original Color

173.3570, -13.3460, 21.6140

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8180, -4.9990, 8.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3570, -13.3460, 21.6140 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(174, 163, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 225)  
}
```

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(174, 163, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 225) }
```

Border

The CSS property to change the border of an element to YIQ 173.3570, -13.3460, 21.6140 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(174, 163, 225) }
```


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

```
.border{ border-color:rgb(174, 163, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 225);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3570, -13.3460, 21.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 225) }
```

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

```
.background{ background-color: rgb(174,  
163, 225) }
```

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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