

Converting Colors

YIQ(201.3470, 28.1450, 35.0970)

Have a look what the booklet for
YIQ(201.3470, 28.1450, 35.0970)
contains.

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Color

**YIQ(201.3470, 28.1450,
35.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	FAABE6
RGB	250, 171, 230
RGB Percent	98%, 67%, 90%
CMY	0.0194, 0.3295, 0.0980
CMYK	0.00, 0.32, 0.08, 0.02
HSL	315°, 89%, 83%
HSV	315°, 32%, 98%
XYZ	68.2868, 55.1620, 81.9235
YIQ	201.3470, 28.1450, 35.0970

Conversions

Conversions Part 2

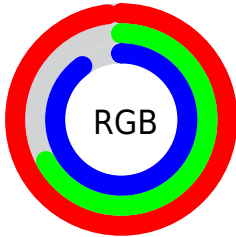
Format	Color
R _Y B	250, 171, 230
Decimal	16428006
CIE Lab	79.13, 37.76, -17.88
CIE LCh	79, 41.777, 334.659
Yxy	55.1620, 0.3325, 0.2686
Android (android.graphics.Color)	4294618086 (0xFFFAABE6)
YUV	201.3470, 14.1259, 42.6687
Hunter-Lab	74.2711, 34.1431, -13.4090

Details

The YIQ color $201.3470, 28.1450, 35.0970$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $219.6530, -28.1450, -35.0970$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $238.5640, 7.7000, 14.6440$, and $146.5100, 26.1280, 33.1040$ is the 20% darker color. If you saturate the color by 10%, you get $185.9880, 36.9460, 46.3060$, and if you desaturate by 10%, it is $216.7060, 19.3440, 23.8880$.

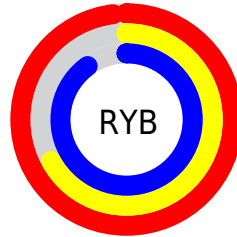
Distribution



Red (98%)

Green (67%)

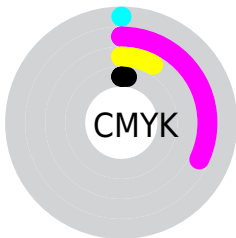
Blue (90%)



Red (98%)

Yellow (67%)

Blue (90%)

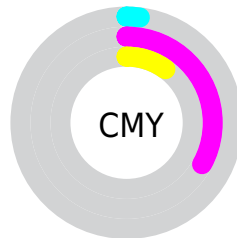


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3470, 28.1450, 35.0970 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 201.3470, 28.1450, 35.0970 by changing the saturation by 10% instead.

201.3470, 28.1450,
35.0970

201.3470, 28.1450,
35.0970

255.0000, -0.0000,
-0.0000

173.6350, 27.2740,
34.3620

238.5640, 7.7000,
14.6440

145.9230, 26.4030,
33.6270

120.2110, 25.5320,
32.8920

94.2000, 24.0650,
31.9450

68.9010, 23.4690,
31.7330

42.5420, 23.1020,
32.8780

23.6400, 19.7100,

28.2700

■ 15.3800, 14.2100,
17.8100

■ 0.0000, 0.0000,
0.0000

■ 201.3470, 28.1450,
35.0970

■ 201.3470, 28.1450,
35.0970

■ 185.9880, 36.9460,
46.3060

■ 216.7060, 19.3440,
23.8880

■ 170.5150, 46.0680,
57.2040

■ 232.1790, 10.2220,
12.9900

■ 155.1560, 54.8690,
68.4130

■ 247.5380, 1.4210,
1.7810

■ 139.7970, 63.6700,
79.6220

■ 253.5050, -2.9800,
-1.0600

■ 124.3240, 72.7920,
90.5200

■ 108.9650, 81.5930,
101.7290

■ 96.0680, 88.9730,
111.1570

Harmonies

Analogous

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



199.2700, -8.4870, 27.1690



201.3470, 28.1450, 35.0970



195.4610, 45.0190, 26.6430

Triad

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



201.3470, 28.1450, 35.0970



193.0880, 36.9580, -20.0180



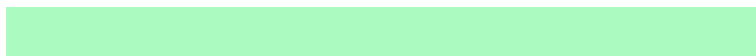
160.6270, -121.5400, -33.0280

Complementary

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



201.3470, 28.1450, 35.0970



219.6530, -28.1450, -35.0970

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.



172.1200, -80.6880, -35.5040



201.3470, 28.1450, 35.0970



188.4690, 4.7280, -30.6320

Square

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



201.3470, 28.1450, 35.0970



195.6490, 57.9080, -3.2120



181.9450, -34.8390, -34.9270



175.6730, -91.6500, -13.0420

Rectangle

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



201.3470, 28.1450, 35.0970



193.6710, 52.8150, 17.5110



181.9450, -34.8390, -34.9270



162.8360, -112.0030, -35.1630

Sweetspot

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



201.3470, 28.1450, 35.0970



240.8150, 8.2510, 10.1630



185.9860, -13.4390, 28.8090



118.7390, 5.4090, 6.6010



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.



201.3470, 28.1450, 35.0970



195.2110, 34.7000, 42.9560



196.9010, 40.6640, 22.9680



117.0270, 4.5380, 5.8660



72.5850, 67.3830, 83.9190



23.4830, 21.5900, 27.2380

Inverse Universe

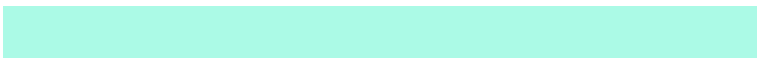
The Inverse Universe completely reimagines the original color for something new.



201.3470, 28.1450, 35.0970



195.2110, 34.7000, 42.9560



224.0990, -40.6640, -22.9680



117.0270, 4.5380, 5.8660



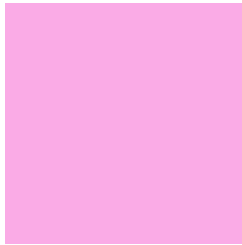
72.5850, 67.3830, 83.9190



23.4830, 21.5900, 27.2380

Previews

White Background



This preview shows how the YIQ color 201.3470, 28.1450, 35.0970 looks on a white background.

Color Contrast Check

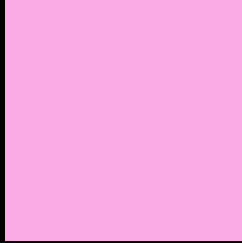
Large Text (above 18pt) WCAG AA × Fail

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 201.3470, 28.1450, 35.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

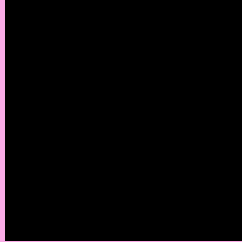
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.3470, 28.1450, 35.0970

Background



This preview shows how black text looks on a background with the YIQ color 201.3470, 28.1450, 35.0970.



This preview shows how white text looks on a background with the YIQ color 201.3470, 28.1450,

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

201.3470, 28.1450, 35.0970

Protanopia

196.9380, -22.6520, 14.0520

Deuteranopia

197.9800, -5.2750, 13.0050



Tritanopia

199.6290, 35.4380, 18.5580

Trichromacy



Original Color

201.3470, 28.1450, 35.0970



Protanomaly

198.7340, -4.2220, 21.4580



Deuteranomaly

199.3670, 7.0570, 20.7930



Tritanomaly

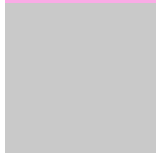
200.0620, 32.9610, 24.9050

Monochromacy



Original Color

201.3470, 28.1450, 35.0970



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

201.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3470, 28.1450, 35.0970 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(250, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 230)  
}
```

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(250, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 230) }
```

Border

The CSS property to change the border of an element to YIQ 201.3470, 28.1450, 35.0970 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(250, 171, 230) }
```


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

```
.border{ border-color:rgb(250, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 171,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3470, 28.1450, 35.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 230) }
```

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

```
.background{ background-color: rgb(250,  
171, 230) }
```

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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