

Converting Colors

YIQ(166.3440, 32.2270, 27.1950)

Have a look what the booklet for
YIQ(166.3440, 32.2270, 27.1950)
contains.

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Color

**YIQ(166.3440, 32.2270,
27.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	D68CB1
RGB	214, 140, 177
RGB Percent	84%, 55%, 69%
CMY	0.1606, 0.4511, 0.3058
CMYK	0.00, 0.35, 0.17, 0.16
HSL	330°, 47%, 69%
HSV	330°, 35%, 84%
XYZ	45.0583, 36.2262, 46.2257
YIQ	166.3440, 32.2270, 27.1950

Conversions

Conversions Part 2

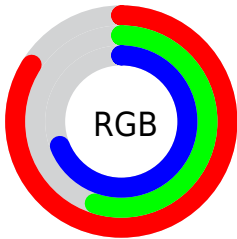
Format	Color
R_{YB}	214, 140, 177
Decimal	14060721
CIE _{Lab}	66.69, 33.43, -7.74
CIE _{LCh}	67, 34.318, 346.961
Yxy	36.2262, 0.3534, 0.2841
Android (android.graphics.Color)	4292250801 (0xFFD68CB1)
YUV	166.3440, 5.2534, 41.7943
Hunter-Lab	60.1882, 28.2997, -3.4041

Details

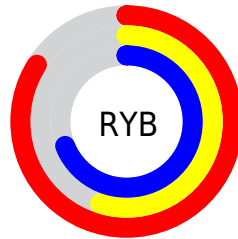
The YIQ color **166.3440, 32.2270, 27.1950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.6560, -32.2270, -27.1950**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6850, 23.8370, 25.0610**, and **113.0340, 30.1640, 26.0360** is the 20% darker color. If you saturate the color by 10%, you get **152.7630, 41.5330, 34.7570**, and if you desaturate by 10%, it is **179.9250, 22.9210, 19.6330**.

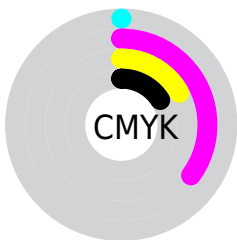
Distribution



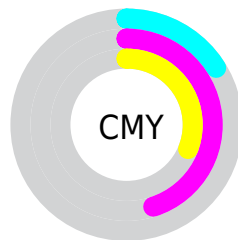
- Red (84%)
- Green (55%)
- Blue (69%)



- Red (84%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.3440, 32.2270, 27.1950 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 166.3440, 32.2270, 27.1950 by changing the saturation by 10% instead.

 166.3440, 32.2270,
27.1950


 166.3440, 32.2270,
27.1950


255.0000, -0.0000,
-0.0000


 139.6320, 31.3560,
26.4600


 216.6850, 23.8370,
25.0610


 113.0340, 30.1640,
26.0360


 236.2160, 8.8000,
16.7360

 88.1370, 28.3760,
25.4000

 253.2390, 0.8250,
1.5690

 63.5390, 27.1840,
24.9760

 37.8810, 26.2210,
25.9090

 19.7940, 21.9120,
21.4000

 10.2520, 17.1460,

8.6500

■ 0.0000, 0.0000,
0.0000

■ 166.3440, 32.2270,
27.1950

■ 166.3440, 32.2270,
27.1950

■ 152.7630, 41.5330,
34.7570

■ 179.9250, 22.9210,
19.6330

■ 138.7090, 50.7930,
43.1530

■ 193.9790, 13.6610,
11.2370

■ 125.1280, 60.0990,
50.7150

■ 207.5600, 4.3550,
3.6750

■ 110.9600, 69.6800,
58.8000

■ 221.7280, -5.2260,
-4.4100

■ 97.4930, 78.6650,
66.6730

■ 235.3090,
-14.5320, -11.9720

■ 83.9120, 87.9710,
74.2350

■ 241.1450,
-19.9420, -13.0460

■ 76.1840, 93.1970,
78.6450

■ 242.3990,
-23.4730, -9.6250

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



166.4580, 5.5430, 26.2070



166.3440, 32.2270, 27.1950



164.9140, 47.8170, 19.9850

Triad

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



166.3440, 32.2270, 27.1950



158.4050, 19.9480, -20.1160



142.0450, -84.1300, -17.1700

Complementary

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



166.3440, 32.2270, 27.1950



187.6560, -32.2270, -27.1950

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.



141.6250, -74.5000, -26.5000



166.3440, 32.2270, 27.1950



154.5740, -8.5690, -26.4330

Square

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



166.3440, 32.2270, 27.1950



161.5050, 40.5780, -8.5260



148.7520, -41.3050, -27.8730



153.2150, -60.5210, 1.0070

Rectangle

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



166.3440, 32.2270, 27.1950



164.1990, 51.0280, 11.3480



148.7520, -41.3050, -27.8730



139.6270, -86.0090, -21.6650

Sweetspot

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



166.3440, 32.2270, 27.1950



238.8430, 11.0480, 9.0320



159.2000, -2.2980, 30.6460



117.6960, 6.9680, 5.8800



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.



166.3440, 32.2270, 27.1950



186.0350, 46.7590, 39.1670



162.2400, 43.7830, 15.9990



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Inverse Universe

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



166.3440, 32.2270, 27.1950



186.0350, 46.7590, 39.1670



191.7600, -43.7830, -15.9990



99.9730, 4.6300, 4.1980



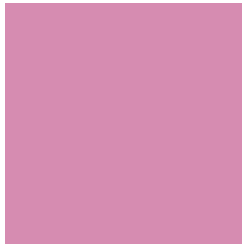
60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 166.3440, 32.2270, 27.1950 looks on a white background.

Color Contrast Check

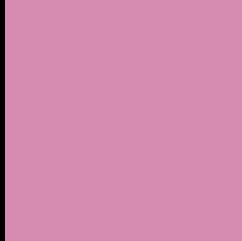
Large Text (above 18pt) WCAG AA × Fail

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 166.3440, 32.2270, 27.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

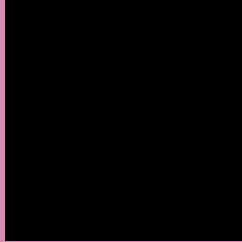
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.3440, 32.2270, 27.1950

Background



This preview shows how black text looks on a background with the YIQ color 166.3440, 32.2270, 27.1950.



This preview shows how white text looks on a background with the YIQ color 166.3440, 32.2270,

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

166.3440, 32.2270, 27.1950

Protanopia

163.2240, -12.0140, 8.4820

Deuteranopia

164.3090, 3.8040, 8.1560



Tritanopia

165.5860, 36.9970, 17.8370

Trichromacy



Original Color

166.3440, 32.2270, 27.1950

Protanomaly

164.2370, 4.3070, 15.5630

Deuteranomaly

164.7990, 14.3480, 15.3080

Tritanomaly

166.2100, 35.3000, 21.0600

Monochromacy



Original Color

166.3440, 32.2270, 27.1950

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.2560, 11.3230, 9.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.3440, 32.2270, 27.1950 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(214, 140, 177)` looks like.

```
.text, #text, p{  
    color:rgb(214, 140, 177)  
}
```

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(214, 140, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 140, 177) }
```

Border

The CSS property to change the border of an element to YIQ 166.3440, 32.2270, 27.1950 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(214, 140, 177) }
```


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

```
.border{ border-color:rgb(214, 140, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 140, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 140, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 140, 177);  
box-shadow:4px 4px 4px 4px rgb(214, 140,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 166.3440, 32.2270, 27.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 140, 177) }
```

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

```
.background{ background-color: rgb(214,  
140, 177) }
```

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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