

Converting Colors

YIQ(166.6270, 38.9200, 32.5520)

Have a look what the booklet for
YIQ(166.6270, 38.9200, 32.5520)
contains.

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Color

**YIQ(166.6270, 38.9200,
32.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	E087B3
RGB	224, 135, 179
RGB Percent	88%, 53%, 70%
CMY	0.1213, 0.4707, 0.2979
CMYK	0.00, 0.40, 0.20, 0.12
HSL	330°, 59%, 70%
HSV	330°, 40%, 88%
XYZ	47.5579, 36.4305, 47.1893
YIQ	166.6270, 38.9200, 32.5520

Conversions

Conversions Part 2

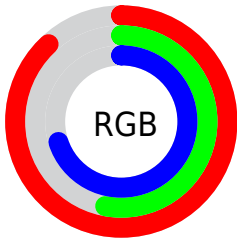
Format	Color
R_{YB}	224, 135, 179
Decimal	14714803
CIE _{Lab}	66.85, 39.84, -8.51
CIE _{LCh}	67, 40.744, 347.941
Yxy	36.4305, 0.3625, 0.2777
Android (android.graphics.Color)	4292904883 (0xFFE087B3)
YUV	166.6270, 6.0999, 50.3161
Hunter-Lab	60.3577, 35.0205, -4.1042

Details

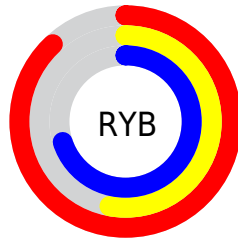
The YIQ color **166.6270, 38.9200, 32.5520** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.3730, -38.9200, -32.5520**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.5650, 24.2950, 27.7750**, and **113.0180, 36.2610, 31.1810** is the 20% darker color. If you saturate the color by 10%, you get **152.4590, 48.5010, 40.6370**, and if you desaturate by 10%, it is **180.7950, 29.3390, 24.4670**.

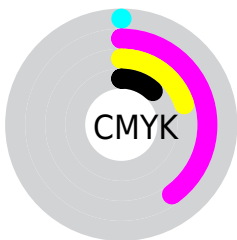
Distribution



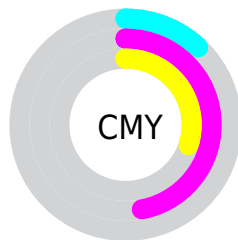
- Red (88%)
- Green (53%)
- Blue (70%)



- Red (88%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (12%)




- Cyan (12%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.6270, 38.9200, 32.5520 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 166.6270, 38.9200, 32.5520 by changing the saturation by 10% instead.


 166.6270, 38.9200,
32.5520


 166.6270, 38.9200,
32.5520


255.0000, -0.0000,
-0.0000

 139.6160, 37.4530,
31.6050


 214.5650, 24.2950,
27.7750


 113.0180, 36.2610,
31.1810


 233.2810, 10.1750,
19.3510

 87.1210, 34.4730,
30.5450

 250.3040, 2.2000,
4.1840

 61.0500, 33.2350,
30.9550

 32.5710, 33.3260,
34.8140

 22.0010, 25.7630,
23.1950

 12.3880, 19.7590,

10.8550

■ 0.0000, 0.0000,
0.0000

■ 166.6270, 38.9200,
32.5520

■ 166.6270, 38.9200,
32.5520

■ 152.4590, 48.5010,
40.6370

■ 180.7950, 29.3390,
24.4670

■ 137.5900, 58.6780,
48.9340

■ 195.6640, 19.1620,
16.1700

■ 123.4220, 68.2590,
57.0190

■ 209.8320, 9.5810,
8.0850

■ 108.6670, 78.1150,
65.6270

■ 224.5870, -0.2750,
-0.5230

■ 94.3850, 88.0170,
73.4010

■ 238.8690,
-10.1770, -8.2970

■ 80.2170, 97.5980,
81.4860

■ 244.8190,
-15.9080, -9.0600

■ 79.6300, 97.8730,
82.0090

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



167.2890, 7.6970, 31.2250



166.6270, 38.9200, 32.5520



164.5130, 56.4360, 23.4760

Triad

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



166.6270, 38.9200, 32.5520



157.4390, 22.6080, -24.2720



129.6970, -118.5610, -26.4410

Complementary

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



166.6270, 38.9200, 32.5520



192.3730, -38.9200, -32.5520

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.



127.8100, -109.1140, -37.9620



166.6270, 38.9200, 32.5520



152.5580, -11.6400, -31.3520

Square

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



166.6270, 38.9200, 32.5520



160.8600, 46.7680, -10.5760



144.1200, -54.3250, -34.2050



149.4780, -77.4390, -0.7590

Rectangle

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



166.6270, 38.9200, 32.5520



163.6300, 60.0600, 12.8600



144.1200, -54.3250, -34.2050



129.2580, -115.9470, -29.7630

Sweetspot

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



166.6270, 38.9200, 32.5520



235.0930, 13.3400, 11.5480



158.6010, -1.7490, 37.2190



116.2940, 8.1600, 6.3040



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.



166.6270, 38.9200, 32.5520



176.3180, 53.4520, 44.5240



161.6110, 53.0440, 18.8680



104.9730, 4.6300, 4.1980



62.5420, 76.9690, 64.3690



17.0880, 20.9040, 17.6400

Inverse Universe

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



166.6270, 38.9200, 32.5520



176.3180, 53.4520, 44.5240



197.3890, -53.0440, -18.8680



104.9730, 4.6300, 4.1980



62.5420, 76.9690, 64.3690



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 166.6270, 38.9200, 32.5520 looks on a white background.

Color Contrast Check

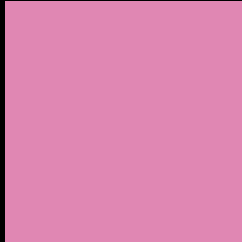
Large Text (above 18pt) WCAG AA × Fail

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 166.6270, 38.9200, 32.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

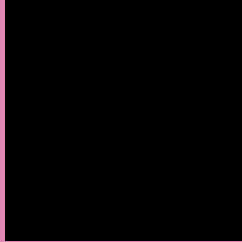
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.6270, 38.9200, 32.5520

Background



This preview shows how black text looks on a background with the YIQ color 166.6270, 38.9200, 32.5520.



This preview shows how white text looks on a background with the YIQ color 166.6270, 38.9200,

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

166.6270, 38.9200, 32.5520

Protanopia

164.0820, -14.4900, 9.3020

Deuteranopia

164.4230, 3.4830, 8.4670



Tritanopia

165.4730, 44.7450, 20.5930

Trichromacy



Original Color

166.6270, 38.9200, 32.5520

Protanomaly

165.0030, 5.0860, 17.9660

Deuteranomaly

165.5220, 16.6860, 16.9900

Tritanomaly

165.7380, 42.6810, 24.9610

Monochromacy



Original Color

166.6270, 38.9200, 32.5520

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.6910, 14.5320, 11.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.6270, 38.9200, 32.5520 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(224, 135, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 179)  
}
```

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(224, 135, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 179) }
```

Border

The CSS property to change the border of an element to YIQ 166.6270, 38.9200, 32.5520 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(224, 135, 179) }
```


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

```
.border{ border-color:rgb(224, 135, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 135, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 166.6270, 38.9200, 32.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 135, 179) }
```

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

```
.background{ background-color: rgb(224,  
135, 179) }
```

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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