

Converting Colors

YIQ(166.7340, 31.3090, 32.8210)

Have a look what the booklet for
YIQ(166.7340, 31.3090, 32.8210)
contains.

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Color

**YIQ(166.7340, 31.3090,
32.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	D989BC
RGB	217, 137, 188
RGB Percent	85%, 54%, 74%
CMY	0.1488, 0.4629, 0.2627
CMYK	0.00, 0.37, 0.13, 0.15
HSL	322°, 51%, 69%
HSV	322°, 37%, 85%
XYZ	46.6524, 36.2740, 52.1319
YIQ	166.7340, 31.3090, 32.8210

Conversions

Conversions Part 2

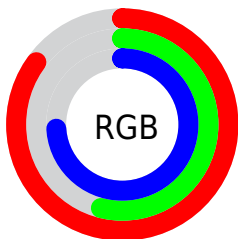
Format	Color
R_{YB}	217, 137, 188
Decimal	14256572
CIE _{Lab}	66.73, 37.82, -13.83
CIE _{LCh}	67, 40.270, 339.918
Yxy	36.2740, 0.3454, 0.2686
Android (android.graphics.Color)	4292446652 (0xFFD989BC)
YUV	166.7340, 10.4841, 44.0833
Hunter-Lab	60.2279, 32.8671, -9.1606

Details

The YIQ color **166.7340, 31.3090, 32.8210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **187.2660, -31.3090, -32.8210**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.7650, 20.8560, 29.5280**, and **113.4240, 29.2460, 31.6620** is the 20% darker color. If you saturate the color by 10%, you get **152.9080, 39.9270, 41.8390**, and if you desaturate by 10%, it is **180.5600, 22.6910, 23.8030**.

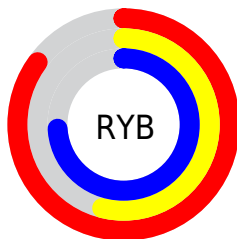
Distribution



Red (85%)

Green (54%)

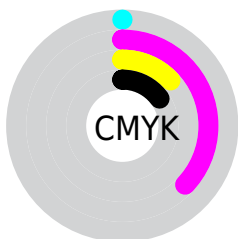
Blue (74%)



Red (85%)

Yellow (54%)

Blue (74%)

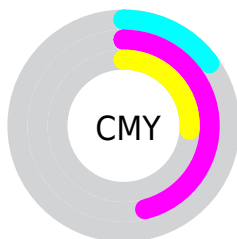


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.7340, 31.3090, 32.8210 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 166.7340, 31.3090, 32.8210 by changing the saturation by 10% instead.

166.7340, 31.3090,
32.8210

166.7340, 31.3090,
32.8210

255.0000, -0.0000,
-0.0000

140.0220, 30.4380,
32.0860

216.7650, 20.8560,
29.5280

113.4240, 29.2460,
31.6620

234.4550, 9.6250,
18.3050

87.7120, 28.3750,
30.9270

251.4780, 1.6500,
3.1380

62.2280, 26.8620,
30.8140

34.8090, 26.7240,
33.3160

21.3040, 20.5360,
24.3120

12.3320, 14.1650,

13.1170

■ 0.0000, 0.0000,
0.0000

■ 166.7340, 31.3090,
32.8210

■ 166.7340, 31.3090,
32.8210

■ 152.9080, 39.9270,
41.8390

■ 180.5600, 22.6910,
23.8030

■ 139.6690, 48.2700,
50.3340

■ 193.7990, 14.3480,
15.3080

■ 125.8430, 56.8880,
59.3520

■ 207.6250, 5.7300,
6.2900

■ 112.1310, 65.1850,
68.6810

■ 221.4510, -2.8880,
-2.7280

■ 98.3050, 73.8030,
77.6990

■ 235.1630,
-11.1850, -12.0570

85.0660, 82.1460,
86.1940

241.3580,
-16.2280, -14.2760

80.6150, 85.0340,
88.9220

242.2700,
-18.7960, -11.7880

243.1820,
-21.3640, -9.3000

243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



166.1460, -2.2060, 28.9780



166.7340, 31.3090, 32.8210



164.7670, 52.9050, 26.8970

Triad

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



166.7340, 31.3090, 32.8210



158.5540, 29.7140, -20.8940



128.7850, -115.9930, -28.9290

Complementary

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



166.7340, 31.3090, 32.8210



187.2660, -31.3090, -32.8210

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.



126.0830, -105.6290, -40.5490



166.7340, 31.3090, 32.8210



154.1740, -1.6910, -29.9390

Square

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



166.7340, 31.3090, 32.8210



161.6480, 50.4810, -6.2790



147.1770, -41.3040, -33.4000



143.6180, -89.8170, -7.7130

Rectangle

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



166.7340, 31.3090, 32.8210



164.0800, 58.9130, 17.1290



147.1770, -41.3040, -33.4000



128.7050, -113.0120, -33.3960

Sweetspot

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



166.7340, 31.3090, 32.8210



237.4240, 10.9100, 11.5340



154.4920, -8.9920, 30.8160



117.2230, 6.9220, 6.7140



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.



166.7340, 31.3090, 32.8210



184.5820, 43.9610, 45.8250



162.2880, 43.8280, 20.6920



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Inverse Universe

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



166.7340, 31.3090, 32.8210



184.5820, 43.9610, 45.8250



191.7120, -43.8280, -20.6920



103.0870, 4.3090, 4.5090



64.3810, 67.4770, 71.1970



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 166.7340, 31.3090, 32.8210 looks on a white background.

Color Contrast Check

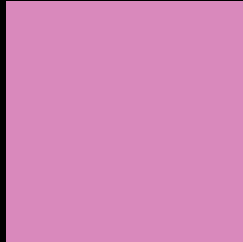
Large Text (above 18pt) WCAG AA × Fail

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 166.7340, 31.3090, 32.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

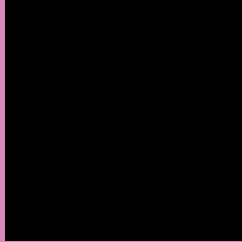
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.7340, 31.3090, 32.8210

Background



This preview shows how black text looks on a background with the YIQ color 166.7340, 31.3090, 32.8210.



This preview shows how white text looks on a background with the YIQ color 166.7340, 31.3090,

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

166.7340, 31.3090, 32.8210

Protanopia

163.2110, -19.1670, 11.4650

Deuteranopia

164.5410, -2.6610, 9.6830



Tritanopia

165.1840, 38.1890, 18.2610

Trichromacy



Original Color

166.7340, 31.3090, 32.8210

Protanomaly

164.4200, -0.4620, 19.3940

Deuteranomaly

165.3410, 9.9460, 17.9940

Tritanomaly

165.6770, 35.4830, 23.2510

Monochromacy



Original Color

166.7340, 31.3090, 32.8210

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8370, 11.1850, 12.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.7340, 31.3090, 32.8210 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(217, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(217, 137, 188)  
}
```

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(217, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 137, 188) }
```

Border

The CSS property to change the border of an element to YIQ 166.7340, 31.3090, 32.8210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

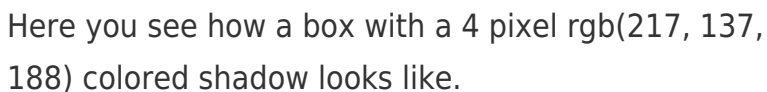
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 137, 188) }
```


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

```
.border{ border-color:rgb(217, 137, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 137, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 137, 188);  
box-shadow:4px 4px 4px 4px rgb(217, 137,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 166.7340, 31.3090, 32.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 137, 188) }
```

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

```
.background{ background-color: rgb(217,  
137, 188) }
```

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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