

Converting Colors

YIQ(160.8330, 27.3170, 50.1090)

Have a look what the booklet for
YIQ(160.8330, 27.3170, 50.1090)
contains.

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Color

**YIQ(160.8330, 27.3170,
50.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	DA79D8
RGB	218, 121, 216
RGB Percent	85%, 47%, 85%
CMY	0.1448, 0.5256, 0.1529
CMYK	0.00, 0.45, 0.01, 0.14
HSL	301°, 57%, 66%
HSV	301°, 45%, 86%
XYZ	48.1638, 33.5401, 68.9071
YIQ	160.8330, 27.3170, 50.1090

Conversions

Conversions Part 2

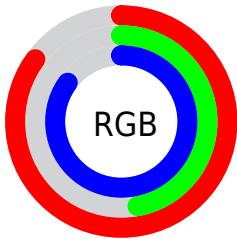
Format	Color
RYB	218, 121, 216
Decimal	14318040
CIELab	64.60, 51.23, -32.75
CIELCh	65, 60.804, 327.408
Yxy	33.5401, 0.3198, 0.2227
Android (android.graphics.Color)	4292508120 (0xFFDA79D8)
YUV	160.8330, 27.1973, 50.1355
Hunter-Lab	57.9138, 47.0999, -30.0050

Details

The YIQ color **160.8330, 27.3170, 50.1090** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **178.1670, -27.3170, -50.1090**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.6270, 21.7250, 41.3170**, and **106.4090, 25.5750, 48.6390** is the 20% darker color. If you saturate the color by 10%, you get **147.9190, 33.3670, 61.6150**, and if you desaturate by 10%, it is **173.7470, 21.2670, 38.6030**.

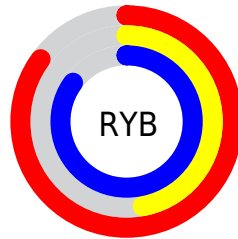
Distribution



Red (85%)

Green (47%)

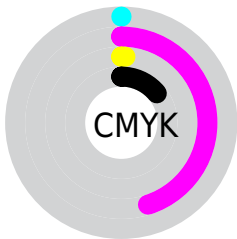
Blue (85%)



Red (85%)

Yellow (47%)

Blue (85%)

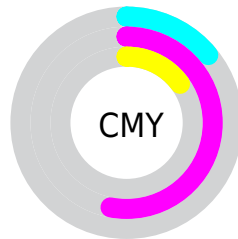


Cyan (0%)

Magenta (45%)

Yellow (1%)

Black (14%)



Cyan (14%)


Magenta (53%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 160.8330, 27.3170, 50.1090 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 160.8330, 27.3170, 50.1090 by changing the saturation by 10% instead.


 160.8330, 27.3170,
50.1090


 160.8330, 27.3170,
50.1090


255.0000, -0.0000,
-0.0000


 133.1210, 26.4460,
49.3740


 208.6270, 21.7250,
41.3170


 106.4090, 25.5750,
48.6390


 225.0630, 14.0250,
26.6730

 78.8220, 25.8500,
49.1620

 242.0860, 6.0500,
11.5060

 46.7670, 27.6830,
54.4910

 33.4960, 20.7160,
43.0840

 23.2850, 13.5200,
30.3200

 13.3020, 5.6820,

18.1780

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 160.8330, 27.3170,
50.1090

■ 160.8330, 27.3170,
50.1090

■ 147.9190, 33.3670,
61.6150

■ 173.7470, 21.2670,
38.6030

■ 134.8910, 39.7380,
72.8100

■ 186.7750, 14.8960,
27.4080

■ 122.5640, 45.5130,
83.7930

■ 199.1020, 9.1210,
16.4250

■ 109.5360, 51.8840,
94.9880

■ 212.1300, 2.7500,
5.2300

■ 96.6220, 57.9340,
106.4940

■ 225.0440, -3.3000,
-6.2760

■ 89.4640, 61.5550,
112.4590

■ 238.0720, -9.6710,
-17.4710

■ 239.8330,
-10.4960, -19.0400

■ 239.9470,
-10.8170, -18.7290

Harmonies

Analogous

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



158.0350, -32.3300, 35.2700



160.8330, 27.3170, 50.1090



155.9670, 67.8020, 48.7780

Triad

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



160.8330, 27.3170, 50.1090



149.9530, 58.9670, -27.9210



130.2040, -115.8550, -31.4310

Complementary

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



160.8330, 27.3170, 50.1090



178.1670, -27.3170, -50.1090

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.



123.9340, -98.2000, -48.5360



160.8330, 27.3170, 50.1090



145.0940, 18.4850, -43.1710

Square

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



160.8330, 27.3170, 50.1090



152.9630, 80.5110, 0.1510



132.9570, -44.2810, -51.0410



132.1710, -128.2830, -15.4430

Rectangle

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



160.8330, 27.3170, 50.1090



153.5320, 81.7880, 37.5960



132.9570, -44.2810, -51.0410



128.8530, -110.6730, -37.2410

Sweetspot

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



160.8330, 27.3170, 50.1090



235.5150, 9.3960, 16.9480



132.6560, -29.9450, 30.5910



115.5590, 6.0960, 10.6720



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.



160.8330, 27.3170, 50.1090



175.4130, 38.0880, 69.6720



155.3610, 42.7250, 35.1810



103.4290, 3.3460, 5.4420



71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Inverse Universe

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



160.8330, 27.3170, 50.1090



175.4130, 38.0880, 69.6720



183.6390, -42.7250, -35.1810



103.4290, 3.3460, 5.4420



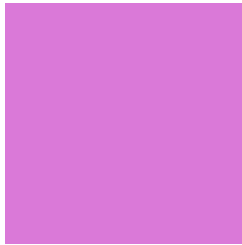
71.1070, 48.5380, 89.5460



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 160.8330, 27.3170, 50.1090 looks on a white background.

Color Contrast Check

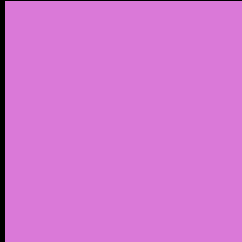
Large Text (above 18pt) WCAG AA × Fail

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 160.8330, 27.3170, 50.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

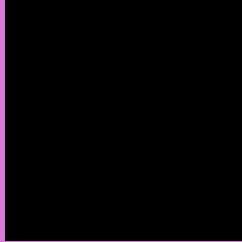
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.8330, 27.3170, 50.1090

Background



This preview shows how black text looks on a background with the YIQ color 160.8330, 27.3170, 50.1090.



This preview shows how white text looks on a background with the YIQ color 160.8330, 27.3170,

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

160.8330, 27.3170, 50.1090

Protanopia

155.4750, -45.8530, 21.5310

Deuteranopia

157.6820, -24.8070, 14.5610



Tritanopia

159.6680, 39.7020, 18.3740

Trichromacy



Original Color

160.8330, 27.3170, 50.1090

Protanomaly

157.4570, -19.0790, 31.9050

Deuteranomaly

158.9390, -6.0570, 27.1830

Tritanomaly

159.8930, 35.1150, 29.9230

Monochromacy



Original Color

160.8330, 27.3170, 50.1090

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.7540, 10.2210, 18.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.8330, 27.3170, 50.1090 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(218, 121, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 121, 216)  
}
```

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(218, 121, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 121, 216) }
```

Border

The CSS property to change the border of an element to YIQ 160.8330, 27.3170, 50.1090 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(218, 121, 216) }
```


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

```
.border{ border-color:rgb(218, 121, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 121, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 121, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 121, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 121,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 160.8330, 27.3170, 50.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 121, 216) }
```

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

```
.background{ background-color: rgb(218,  
121, 216) }
```

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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