

Converting Colors

YIQ(165.4320, 26.7680, 43.5360)

Have a look what the booklet for
YIQ(165.4320, 26.7680, 43.5360)
contains.

YIQ(165.4320, 26.7680, 43.5360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(165.4320, 26.7680,
43.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	DA82D2
RGB	218, 130, 210
RGB Percent	85%, 51%, 82%
CMY	0.1448, 0.4903, 0.1764
CMYK	0.00, 0.40, 0.04, 0.14
HSL	305°, 54%, 68%
HSV	305°, 40%, 86%
XYZ	48.5452, 35.5248, 65.2785
YIQ	165.4320, 26.7680, 43.5360

Conversions

Conversions Part 2

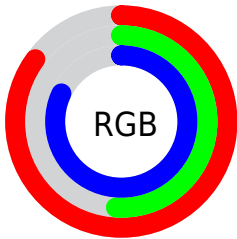
Format	Color
R _{YB}	218, 130, 210
Decimal	14320338
CIE Lab	66.16, 45.56, -27.00
CIE LCh	66, 52.954, 329.350
Yxy	35.5248, 0.3250, 0.2379
Android (android.graphics.Color)	4292510418 (0xFFDA82D2)
YUV	165.4320, 21.9720, 46.1021
Hunter-Lab	59.6027, 41.0800, -23.2142

Details

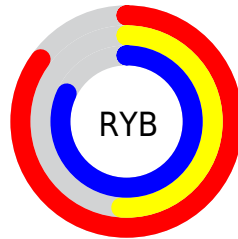
The YIQ color **165.4320, 26.7680, 43.5360** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **182.5680, -26.7680, -43.5360**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.9100, 19.2500, 36.6100**, and **111.5950, 24.7510, 41.5430** is the 20% darker color. If you saturate the color by 10%, you get **152.2900, 33.4600, 54.4200**, and if you desaturate by 10%, it is **178.5740, 20.0760, 32.6520**.

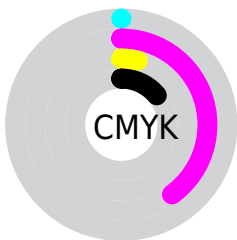
Distribution



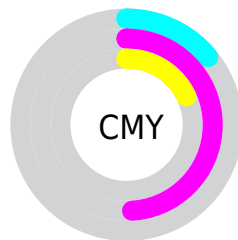
- Red (85%)
- Green (51%)
- Blue (82%)



- Red (85%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4320, 26.7680, 43.5360 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 165.4320, 26.7680, 43.5360 by changing the saturation by 10% instead.

165.4320, 26.7680,
43.5360

165.4320, 26.7680,
43.5360

255.0000, -0.0000,
-0.0000

138.3070, 25.6220,
42.2780

213.9100, 19.2500,
36.6100

111.5950, 24.7510,
41.5430

230.3460, 11.5500,
21.9660

85.2960, 24.1550,
41.3310

247.3690, 3.5750,
6.7990

57.9370, 23.7880,
42.4760

33.2250, 22.9170,
41.7410

23.1280, 15.4000,
29.2880

13.7430, 8.7540,

17.5700

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 165.4320, 26.7680,
43.5360

■ 165.4320, 26.7680,
43.5360

■ 152.2900, 33.4600,
54.4200

■ 178.5740, 20.0760,
32.6520

■ 139.1480, 40.1520,
65.3040

■ 191.7160, 13.3840,
21.7680

■ 126.5930, 46.5690,
75.6650

■ 204.2710, 6.9670,
11.4070

■ 113.4510, 53.2610,
86.5490

■ 217.4130, 0.2750,
0.5230

100.3090, 59.9530,
97.4330

230.5550, -6.4170,
-10.3610

87.7540, 66.3700,
107.7940

240.1750,
-11.4590, -18.1070

240.4030,
-12.1010, -17.4850

240.6310,
-12.7430, -16.8630

240.8590,
-13.3850, -16.2410

Harmonies

Analogous

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



163.4180, -23.3430, 32.0890



165.4320, 26.7680, 43.5360



162.1030, 61.2470, 40.9190

Triad

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



165.4320, 26.7680, 43.5360



156.2110, 49.6130, -23.5950



131.4920, -116.7260, -32.1660

Complementary

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



165.4320, 26.7680, 43.5360



182.5680, -26.7680, -43.5360

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.



126.0200, -101.3180, -47.0940



165.4320, 26.7680, 43.5360



151.5590, 12.9820, -37.0500

Square

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



165.4320, 26.7680, 43.5360



158.7600, 70.8370, -0.7390



141.5220, -38.3220, -43.3940



132.0740, -126.6320, -17.8320

Rectangle

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



165.4320, 26.7680, 43.5360



160.5260, 72.7570, 30.5570



141.5220, -38.3220, -43.3940



129.7820, -111.9110, -36.8310

Sweetspot

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



165.4320, 26.7680, 43.5360



236.4610, 9.4880, 15.2800



142.1250, -24.0760, 28.8520



117.2060, 5.5920, 8.7920



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.



165.4320, 26.7680, 43.5360



182.1320, 37.0810, 60.3850



160.5300, 40.5710, 30.1630



103.4290, 3.3460, 5.4420



69.7390, 52.3900, 85.8140



18.5420, 13.9340, 22.8140

Inverse Universe

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



165.4320, 26.7680, 43.5360



182.1320, 37.0810, 60.3850



187.4700, -40.5710, -30.1630



103.4290, 3.3460, 5.4420



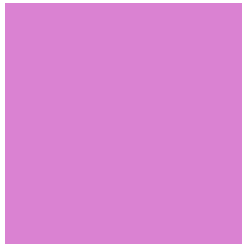
69.7390, 52.3900, 85.8140



18.5420, 13.9340, 22.8140

Previews

White Background



This preview shows how the YIQ color 165.4320, 26.7680, 43.5360 looks on a white background.

Color Contrast Check

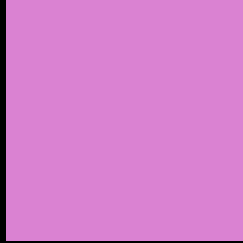
Large Text (above 18pt) WCAG AA × Fail

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 165.4320, 26.7680, 43.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

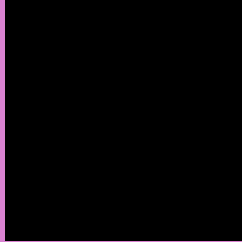
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4320, 26.7680, 43.5360

Background



This preview shows how black text looks on a background with the YIQ color 165.4320, 26.7680, 43.5360.



This preview shows how white text looks on a background with the YIQ color 165.4320, 26.7680,

43.5360.

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

165.4320, 26.7680, 43.5360

Protanopia

161.0430, -35.9490, 18.2510

Deuteranopia

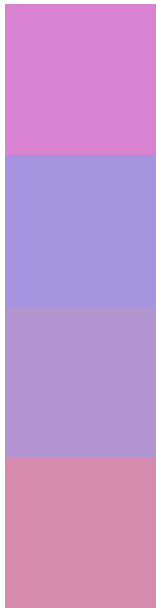
162.1620, -17.4710, 13.7690



Tritanopia

163.8850, 37.5930, 18.0490

Trichromacy



Original Color

165.4320, 26.7680, 43.5360

Protanomaly

162.3450, -13.0720, 27.6640

Deuteranomaly

163.3970, -1.6550, 24.4970

Tritanomaly

164.8280, 33.7400, 27.3080

Monochromacy



Original Color

165.4320, 26.7680, 43.5360

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8740, 9.7630, 15.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4320, 26.7680, 43.5360 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, 130, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 130, 210)  
}
```

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, 130, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 130, 210) }
```

Border

The CSS property to change the border of an element to YIQ 165.4320, 26.7680, 43.5360 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, 130, 210) }
```


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

```
.border{ border-color:rgb(218, 130, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 130, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 130, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 130, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 130,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4320, 26.7680, 43.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 130, 210) }
```

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

```
.background{ background-color: rgb(218,  
130, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor