

Converting Colors

YIQ(159.4260, 34.9320, 27.7320)

Have a look what the booklet for
YIQ(159.4260, 34.9320, 27.7320)
contains.

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Color

**YIQ(159.4260, 34.9320,
27.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	D284A8
RGB	210, 132, 168
RGB Percent	82%, 52%, 66%
CMY	0.1763, 0.4825, 0.3411
CMYK	0.00, 0.37, 0.20, 0.18
HSL	332°, 46%, 67%
HSV	332°, 37%, 82%
XYZ	41.9108, 33.0313, 41.2263
YIQ	159.4260, 34.9320, 27.7320

Conversions

Conversions Part 2

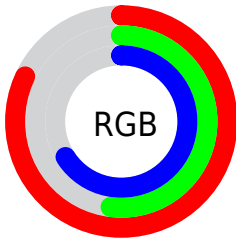
Format	Color
R_{YB}	210, 132, 168
Decimal	13796520
CIE _{Lab}	64.19, 34.94, -6.44
CIE _{LCh}	64, 35.526, 349.561
Yxy	33.0313, 0.3608, 0.2843
Android (android.graphics.Color)	4291986600 (0xFFD284A8)
YUV	159.4260, 4.2270, 44.3534
Hunter-Lab	57.4729, 29.5896, -2.2988

Details

The YIQ color **159.4260, 34.9320, 27.7320** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.5740, -34.9320, -27.7320**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.8490, 29.2470, 26.1350**, and **106.8170, 32.2730, 26.3610** is the 20% darker color. If you saturate the color by 10%, you get **145.8450, 44.2380, 35.2940**, and if you desaturate by 10%, it is **173.0070, 25.6260, 20.1700**.

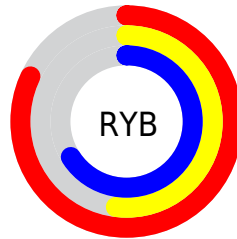
Distribution



Red (82%)

Green (52%)

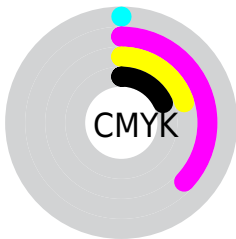
Blue (66%)



Red (82%)

Yellow (52%)

Blue (66%)

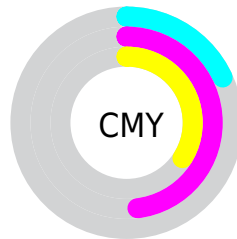


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (18%)



Cyan (18%)


Magenta (48%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.4260, 34.9320, 27.7320 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 159.4260, 34.9320, 27.7320 by changing the saturation by 10% instead.


 159.4260, 34.9320,
27.7320


 159.4260, 34.9320,
27.7320


255.0000, -0.0000,
-0.0000


 132.8280, 33.7400,
27.3080


 210.8490, 29.2470,
26.1350


 106.8170, 32.2730,
26.3610


 230.5910, 12.2380,
20.5100

 81.2190, 31.0810,
25.9370

 247.9560, 3.3000,
6.2760

 56.1480, 29.8430,
26.3470

 29.4300, 29.1090,
28.6370

 18.0990, 22.3710,
18.5870

 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,
0.0000

■ 159.4260, 34.9320,
27.7320

■ 159.4260, 34.9320,
27.7320

■ 145.8450, 44.2380,
35.2940

■ 173.0070, 25.6260,
20.1700

■ 132.1500, 53.8650,
42.5450

■ 186.7020, 15.9990,
12.9190

■ 118.5690, 63.1710,
50.1070

■ 200.2830, 6.6930,
5.3570

■ 104.9880, 72.4770,
57.6690

■ 213.8640, -2.6130,
-2.2050

■ 91.4070, 81.7830,
65.2310

■ 227.5590,
-12.2400, -9.4560

■ 77.7120, 91.4100,
72.4820

■ 239.3790,
-20.7210, -15.4490

■ 73.8480, 94.0230,
74.6870

■ 240.6330,
-24.2520, -12.0280

■ 241.5450,
-26.8200, -9.5400

Harmonies

Analogous

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



159.9530, 8.5230, 27.2670



159.4260, 34.9320, 27.7320



158.1700, 49.9720, 19.4760

Triad

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



159.4260, 34.9320, 27.7320



151.3940, 18.4810, -21.0630



131.3150, -93.7580, -18.8940

Complementary

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



159.4260, 34.9320, 27.7320



182.5740, -34.9320, -27.7320

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.



129.6990, -86.5120, -29.0720



159.4260, 34.9320, 27.7320



147.0790, -11.5490, -27.4930

Square

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



159.4260, 34.9320, 27.7320



154.2660, 39.7530, -10.0950



140.5880, -46.7150, -28.9470



146.7420, -60.5670, 1.8410

Rectangle

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



159.4260, 34.9320, 27.7320



156.8570, 51.9910, 10.4150



140.5880, -46.7150, -28.9470



126.4940, -101.8720, -26.0320

Sweetspot

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



159.4260, 34.9320, 27.7320



236.8540, 12.5150, 9.9790



153.4500, -0.0060, 33.1620



116.9950, 7.5640, 6.0920



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.



159.4260, 34.9320, 27.7320



180.4270, 51.5270, 40.8630



157.0830, 45.6630, 14.9670



97.8590, 4.9510, 3.8870



59.1240, 75.0900, 59.8740



14.4250, 18.3370, 14.6010

Inverse Universe

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



159.4260, 34.9320, 27.7320



180.4270, 51.5270, 40.8630



184.9170, -45.6630, -14.9670



97.8590, 4.9510, 3.8870



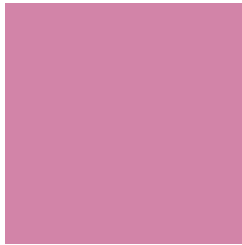
59.1240, 75.0900, 59.8740



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 159.4260, 34.9320, 27.7320 looks on a white background.

Color Contrast Check

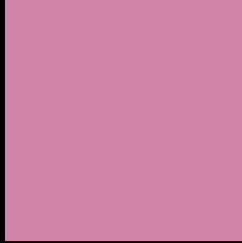
Large Text (above 18pt) WCAG AA × Fail

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 159.4260, 34.9320, 27.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

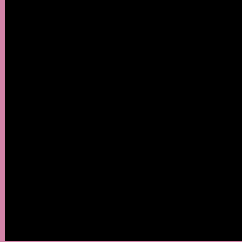
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.4260, 34.9320, 27.7320

Background



This preview shows how black text looks on a background with the YIQ color 159.4260, 34.9320, 27.7320.



This preview shows how white text looks on a background with the YIQ color 159.4260, 34.9320, 27.7320.

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

159.4260, 34.9320, 27.7320

Protanopia

156.8820, -11.0510, 7.5490

Deuteranopia

157.3800, 5.0420, 7.7460



Tritanopia

158.6680, 39.7020, 18.3740

Trichromacy



Original Color

159.4260, 34.9320, 27.7320

Protanomaly

157.8950, 5.2700, 14.6300

Deuteranomaly

158.1690, 16.1820, 15.1100

Tritanomaly

159.2920, 38.0050, 21.5970

Monochromacy



Original Color

159.4260, 34.9320, 27.7320

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4260, 34.9320, 27.7320 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(210, 132, 168)` looks like.

```
.text, #text, p{  
    color:rgb(210, 132, 168)  
}
```

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(210, 132, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 132, 168) }
```

Border

The CSS property to change the border of an element to YIQ 159.4260, 34.9320, 27.7320 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(210, 132, 168) }
```


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

```
.border{ border-color:rgb(210, 132, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 132, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 132, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 132, 168);  
box-shadow:4px 4px 4px 4px rgb(210, 132,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4260, 34.9320, 27.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 132, 168) }
```

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

```
.background{ background-color: rgb(210,  
132, 168) }
```

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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