

Converting Colors

YIQ(171.3500, 14.8950, 32.9350)

Have a look what the booklet for
YIQ(171.3500, 14.8950, 32.9350)
contains.

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Color

**YIQ(171.3500, 14.8950,
32.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	CE92D3
RGB	206, 146, 211
RGB Percent	81%, 57%, 83%
CMY	0.1920, 0.4275, 0.1725
CMYK	0.02, 0.31, 0.00, 0.17
HSL	295°, 42%, 70%
HSV	295°, 31%, 83%
XYZ	47.4997, 38.3818, 66.5344
YIQ	171.3500, 14.8950, 32.9350

Conversions

Conversions Part 2

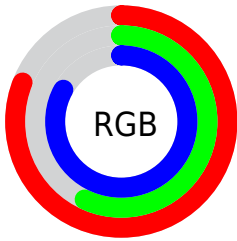
Format	Color
RYB	206, 146, 211
Decimal	13538003
CIELab	68.30, 33.42, -24.37
CIELCh	68, 41.360, 323.898
Yxy	38.3818, 0.3116, 0.2518
Android (android.graphics.Color)	4291728083 (0xFFCE92D3)
YUV	171.3500, 19.5475, 30.3881
Hunter-Lab	61.9531, 28.4391, -20.3073

Details

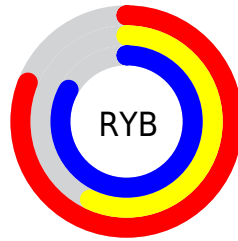
The YIQ color **171.3500, 14.8950, 32.9350** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.6500, -14.8950, -32.9350**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3020, 14.8500, 28.2420**, and **118.1110, 14.0700, 31.3660** is the 20% darker color. If you saturate the color by 10%, you get **158.4250, 19.4780, 43.4940**, and if you desaturate by 10%, it is **184.2750, 10.3120, 22.3760**.

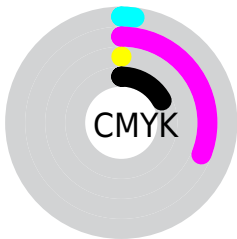
Distribution



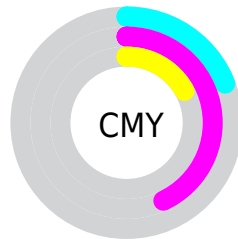
- Red (81%)
- Green (57%)
- Blue (83%)



- Red (81%)
- Yellow (57%)
- Blue (83%)



- Cyan (2%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3500, 14.8950, 32.9350 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 171.3500, 14.8950, 32.9350 by changing the saturation by 10% instead.

171.3500, 14.8950,
32.9350

171.3500, 14.8950,
32.9350

255.0000, -0.0000,
-0.0000

144.5240, 14.3450,
31.8890

223.3020, 14.8500,
28.2420

118.1110, 14.0700,
31.3660

239.7380, 7.1500,
13.5980

92.9860, 12.9240,
30.1080

68.2740, 12.0530,
29.3730

43.8610, 11.7780,
28.8500

21.1490, 10.9070,
28.1150

13.0740, 6.3240,

17.5560

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 171.3500, 14.8950,
32.9350

■ 171.3500, 14.8950,
32.9350

■ 158.4250, 19.4780,
43.4940

■ 184.2750, 10.3120,
22.3760

■ 145.7990, 24.6570,
54.2650

■ 196.9010, 5.1330,
11.6050

■ 132.8740, 29.2400,
64.8240

■ 209.8260, 0.5500,
1.0460

■ 120.2480, 34.4190,
75.5950

■ 222.4520, -4.6290,
-9.7250

106.7360, 39.2770,
86.6770

235.3770, -9.2120,
-20.2840

93.8110, 43.8600,
97.2360

238.3230, -9.1200,
-21.9520

82.3590, 48.4890,
106.9610

238.6220, -8.5240,
-21.7400

239.2200, -7.3320,
-21.3160

239.8180, -6.1400,
-20.8920

Harmonies

Analogous

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



168.2510, -24.6710, 23.1130



171.3500, 14.8950, 32.9350



170.1500, 44.6970, 32.4810

Triad

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



171.3500, 14.8950, 32.9350



164.3710, 43.6510, -14.6610



131.5260, -114.0660, -36.3220

Complementary

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



171.3500, 14.8950, 32.9350



185.6500, -14.8950, -32.9350

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.



145.0200, -65.7870, -35.7310



171.3500, 14.8950, 32.9350



160.3350, 16.9690, -26.7030

Square

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



171.3500, 14.8950, 32.9350



166.9360, 58.7780, 3.0500



155.3120, -19.7550, -32.9630



132.5980, -122.5960, -24.9000

Rectangle

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



171.3500, 14.8950, 32.9350



168.9800, 56.6190, 25.6670



155.3120, -19.7550, -32.9630



130.0440, -109.8930, -40.3650

Sweetspot

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



171.3500, 14.8950, 32.9350



240.9010, 5.1330, 11.6050



156.3450, -22.2400, 17.6000



118.5970, 2.9330, 7.4210



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.



171.3500, 14.8950, 32.9350



197.7290, 21.6780, 47.6780



169.7670, 26.5420, 25.5980



98.2440, 2.4290, 5.5410



65.4970, 38.4520, 85.1080



16.0360, 9.4870, 20.8070

Inverse Universe

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



166.0050, 37.1350, 15.3350



189.9040, 53.7770, 22.1050



187.2330, -26.5420, -25.5980



97.4030, 6.2350, 2.6430



51.7140, 95.9550, 39.6590



12.6010, 23.4730, 9.6250

Previews

White Background



This preview shows how the YIQ color 171.3500, 14.8950, 32.9350 looks on a white background.

Color Contrast Check

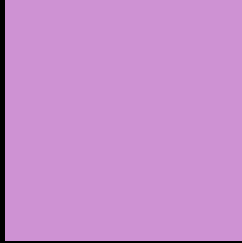
Large Text (above 18pt) WCAG AA × Fail

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 171.3500, 14.8950, 32.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

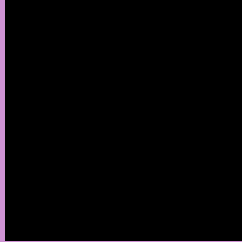
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.3500, 14.8950, 32.9350

Background



This preview shows how black text looks on a background with the YIQ color 171.3500, 14.8950, 32.9350.



This preview shows how white text looks on a background with the YIQ color 171.3500, 14.8950,

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

171.3500, 14.8950, 32.9350

Protanopia

167.3550, -28.2000, 15.4800

Deuteranopia

167.8310, -15.0410, 13.7830



Tritanopia

169.8230, 22.9680, 13.2720

Trichromacy



Original Color

171.3500, 14.8950, 32.9350



Protanomaly

168.6560, -12.7500, 21.8260



Deuteranomaly

169.2070, -4.1760, 20.6240



Tritanomaly

170.4840, 19.8490, 20.2410

Monochromacy



Original Color

171.3500, 14.8950, 32.9350



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

171.3140, 5.4080, 12.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3500, 14.8950, 32.9350 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(206, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 146, 211)  
}
```

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(206, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 146, 211) }
```

Border

The CSS property to change the border of an element to YIQ 171.3500, 14.8950, 32.9350 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(206, 146, 211) }
```


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

```
.border{ border-color:rgb(206, 146, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 146,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3500, 14.8950, 32.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 146, 211) }
```

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

```
.background{ background-color: rgb(206,  
146, 211) }
```

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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