

Converting Colors

YIQ(169.9330, 11.2750, 21.4430)

Have a look what the booklet for
YIQ(169.9330, 11.2750, 21.4430)
contains.

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Color

**YIQ(169.9330, 11.2750,
21.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	C299C2
RGB	194, 153, 194
RGB Percent	76%, 60%, 76%
CMY	0.2391, 0.4000, 0.2392
CMYK	0.00, 0.21, 0.00, 0.24
HSL	300°, 25%, 68%
HSV	300°, 21%, 76%
XYZ	43.3826, 38.1455, 56.1172
YIQ	169.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

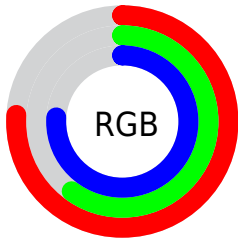
Format	Color
R_{YB}	194, 153, 194
Decimal	12753346
CIE _{Lab}	68.13, 22.35, -15.30
CIE _{LCh}	68, 27.090, 325.601
Yxy	38.1455, 0.3152, 0.2771
Android (android.graphics.Color)	4290943426 (0xFFC299C2)
YUV	169.9330, 11.8650, 21.1068
Hunter-Lab	61.7621, 17.2974, -10.6376

Details

The YIQ color **169.9330, 11.2750, 21.4430** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.0670, -11.2750, -21.4430**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7590, 11.8250, 22.4890**, and **117.6940, 10.4500, 19.8740** is the 20% darker color. If you saturate the color by 10%, you get **158.7800, 16.5000, 31.3800**, and if you desaturate by 10%, it is **181.0860, 6.0500, 11.5060**.

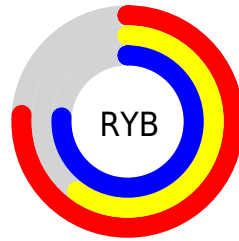
Distribution



Red (76%)

Green (60%)

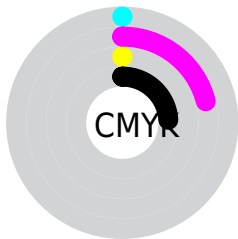
Blue (76%)



Red (76%)

Yellow (60%)

Blue (76%)

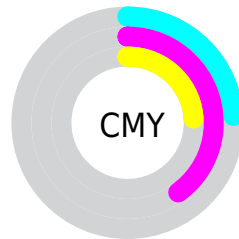


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.9330, 11.2750, 21.4430 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 169.9330, 11.2750, 21.4430 by changing the saturation by 10% instead.


 169.9330, 11.2750,
21.4430

 169.9330, 11.2750,
21.4430

255.0000, -0.0000,
-0.0000


 143.5200, 11.0000,
20.9200

 225.7590, 11.8250,
22.4890

 117.6940, 10.4500,
19.8740

 243.8470, 5.2250,
9.9370

 92.3950, 9.8540,
19.6620

 68.5690, 9.3040,
18.6160

 45.8570, 8.4330,
17.8810

 23.4440, 8.1580,
17.3580

 8.7160, 4.2160,

11.7040

0.0000, 0.0000,
0.0000

169.9330, 11.2750,
21.4430

169.9330, 11.2750,
21.4430

158.7800, 16.5000,
31.3800

181.0860, 6.0500,
11.5060

147.0400, 22.0000,
41.8400

192.8260, 0.5500,
1.0460

135.8870, 27.2250,
51.7770

203.9790, -4.6750,
-8.8910

124.1470, 32.7250,
62.2370

215.7190,
-10.1750, -19.3510

112.9940, 37.9500,
72.1740

226.8720,
-15.4000, -29.2880

■ 101.8410, 43.1750,
82.1110

■ 229.8070,
-16.7750, -31.9030

■ 90.1010, 48.6750,
92.5710

■ 80.1220, 53.3500,
101.4620

Harmonies

Analogous

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



167.7820, -13.3450, 16.0870



169.9330, 11.2750, 21.4430



169.7580, 30.7610, 20.7210

Triad

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



169.9330, 11.2750, 21.4430



164.9320, 29.0700, -9.2180



153.4860, -54.6950, -16.4790

Complementary

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



169.9330, 11.2750, 21.4430



177.0670, -11.2750, -21.4430

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.



155.4200, -37.1340, -20.8620



169.9330, 11.2750, 21.4430



162.7230, 10.3650, -17.1470

Square

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



169.9330, 11.2750, 21.4430



167.0570, 39.3840, 2.1040



159.3980, -13.7050, -21.4570



156.6960, -54.9260, -6.7820

Rectangle

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



169.9330, 11.2750, 21.4430



169.0160, 38.6020, 16.2820



159.3980, -13.7050, -21.4570



154.0580, -50.6140, -18.8540

Sweetspot

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



169.9330, 11.2750, 21.4430



243.1950, 4.1250, 7.8450



157.6740, -13.1610, 12.7510



122.6030, 2.7960, 4.3960



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.



169.9330, 11.2750, 21.4430



215.0190, 17.3250, 32.9490



167.6530, 17.6950, 15.2230



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Inverse Universe

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



169.9330, 11.2750, 21.4430



215.0190, 17.3250, 32.9490



179.4610, -18.0160, -14.9120



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 169.9330, 11.2750, 21.4430 looks on a white background.

Color Contrast Check

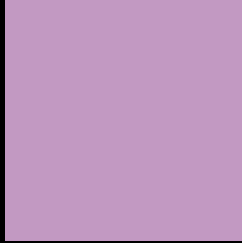
Large Text (above 18pt) WCAG AA × Fail

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 169.9330, 11.2750, 21.4430 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 169.9330, 11.2750, 21.4430

Background



This preview shows how black text looks on a background with the YIQ color 169.9330, 11.2750, 21.4430.



This preview shows how white text looks on a background with the YIQ color 169.9330, 11.2750,

21.4430.

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

169.9330, 11.2750, 21.4430

Protanopia

167.1250, -16.0490, 10.0230

Deuteranopia

167.8120, -4.8620, 11.0260



Tritanopia

168.6480, 16.0910, 11.2510

Trichromacy



Original Color

169.9330, 11.2750, 21.4430

Protanomaly

168.3220, -6.2380, 13.9380

Deuteranomaly

168.8560, 1.0060, 14.8140

Tritanomaly

169.3860, 14.0730, 14.7850

Monochromacy



Original Color

169.9330, 11.2750, 21.4430

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9330, 11.2750, 21.4430 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(194, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 194)  
}
```

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(194, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 194) }
```

Border

The CSS property to change the border of an element to YIQ 169.9330, 11.2750, 21.4430 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(194, 153, 194) }
```


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

```
.border{ border-color:rgb(194, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9330, 11.2750, 21.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 194) }
```

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

```
.background{ background-color: rgb(194,  
153, 194) }
```

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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