

Converting Colors

YIQ(157.7940, 21.9120, 21.4000)

Have a look what the booklet for
YIQ(157.7940, 21.9120, 21.4000)
contains.

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Color

**YIQ(157.7940, 21.9120,
21.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	C08AAA
RGB	192, 138, 170
RGB Percent	75%, 54%, 67%
CMY	0.2469, 0.4589, 0.3333
CMYK	0.00, 0.28, 0.11, 0.25
HSL	324°, 30%, 65%
HSV	324°, 28%, 75%
XYZ	38.0902, 32.2848, 42.2621
YIQ	157.7940, 21.9120, 21.4000

Conversions

Conversions Part 2

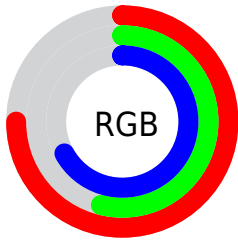
Format	Color
R_{YB}	192, 138, 170
Decimal	12618410
CIE Lab	63.58, 25.63, -8.69
CIE LCh	64, 27.060, 341.273
Yxy	32.2848, 0.3382, 0.2866
Android (android.graphics.Color)	4290808490 (0xFFC08AAA)
YUV	157.7940, 6.0176, 29.9987
Hunter-Lab	56.8197, 20.2267, -4.3257

Details

The YIQ color **157.7940, 21.9120, 21.4000** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.2060, -21.9120, -21.4000**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8050, 23.3790, 22.3470**, and **105.7830, 20.4450, 20.4530** is the 20% darker color. If you saturate the color by 10%, you get **145.7290, 29.7050, 28.8490**, and if you desaturate by 10%, it is **169.8590, 14.1190, 13.9510**.

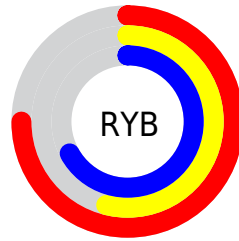
Distribution



Red (75%)

Green (54%)

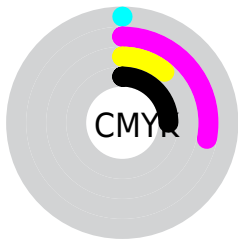
Blue (67%)



Red (75%)

Yellow (54%)

Blue (67%)

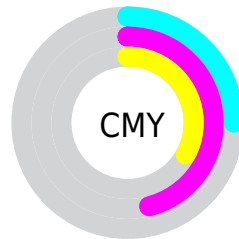


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.7940, 21.9120, 21.4000 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 157.7940, 21.9120, 21.4000 by changing the saturation by 10% instead.

■ 157.7940, 21.9120,
21.4000

■ 157.7940, 21.9120,
21.4000

■ 255.0000, -0.0000,
-0.0000

■ 131.4950, 21.3160,
21.1880

■ 212.8050, 23.3790,
22.3470

■ 105.7830, 20.4450,
20.4530

■ 234.3410, 9.9460,
17.9940

■ 81.0710, 19.5740,
19.7180

■ 251.4780, 1.6500,
3.1380

■ 57.4730, 18.3820,
19.2940

■ 34.4620, 16.9150,
18.3470

■ 15.0380, 15.1730,
16.8770

■ 0.0000, 0.0000,

0.0000

■ 157.7940, 21.9120,
21.4000

■ 157.7940, 21.9120,
21.4000

■ 145.7290, 29.7050,
28.8490

■ 169.8590, 14.1190,
13.9510

■ 133.6640, 37.4980,
36.2980

■ 181.9240, 6.3260,
6.5020

■ 121.1260, 45.2450,
44.5810

■ 194.4620, -1.4210,
-1.7810

■ 109.0610, 53.0380,
52.0300

■ 206.5270, -9.2140,
-9.2300

■ 96.9960, 60.8310,
59.4790

■ 218.5920,
-17.0070, -16.6790

■ 84.9310, 68.6240,
66.9280

■ 230.6570,
-24.8000, -24.1280

■ 72.8660, 76.4170,
74.3770

■ 232.7430,
-27.9180, -22.6860

■ 70.4040, 77.8380,
76.1580

■ 233.6550,
-30.4860, -20.1980

■ 234.4530,
-32.7330, -18.0210

Harmonies

Analogous

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



157.3060, -0.1410, 19.0830



157.7940, 21.9120, 21.4000



156.8740, 36.1260, 17.1020

Triad

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



157.7940, 21.9120, 21.4000



151.5070, 19.9010, -13.7550



142.1530, -57.9510, -12.5350

Complementary

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



157.7940, 21.9120, 21.4000



172.2060, -21.9120, -21.4000

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.



141.7270, -48.1840, -18.8400



157.7940, 21.9120, 21.4000



148.7970, -1.6470, -19.7190

Square

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



157.7940, 21.9120, 21.4000



153.7310, 34.2500, -3.9740



145.1670, -26.1760, -21.2160



147.3920, -47.9580, -0.9020

Rectangle

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



157.7940, 21.9120, 21.4000



155.9250, 40.1160, 10.8680



145.1670, -26.1760, -21.2160



141.6430, -56.5750, -15.4470

Sweetspot

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



157.7940, 21.9120, 21.4000



237.3480, 8.0680, 7.9720



150.7340, -4.2220, 21.4580



116.7990, 5.1800, 5.2440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.7940, 21.9120, 21.4000



196.1150, 34.6100, 33.5700



154.7160, 30.5790, 13.0030



90.6740, 4.0340, 3.9860



58.9690, 65.4610, 63.6770



12.1470, 13.2480, 13.2160

Inverse Universe

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



157.7940, 21.9120, 21.4000



196.1150, 34.6100, 33.5700



175.2840, -30.5790, -13.0030



90.6740, 4.0340, 3.9860



58.9690, 65.4610, 63.6770



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 157.7940, 21.9120, 21.4000 looks on a white background.

Color Contrast Check

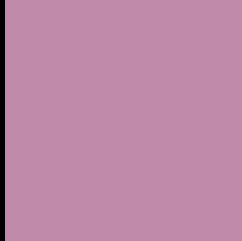
Large Text (above 18pt) WCAG AA × Fail

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 157.7940, 21.9120, 21.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

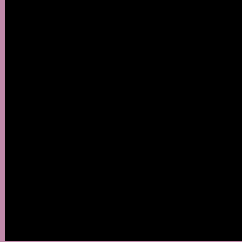
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.7940, 21.9120, 21.4000

Background



This preview shows how black text looks on a background with the YIQ color 157.7940, 21.9120, 21.4000.



This preview shows how white text looks on a background with the YIQ color 157.7940, 21.9120,

21.4000.

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

157.7940, 21.9120, 21.4000

Protanopia

154.8820, -11.0510, 7.5490

Deuteranopia

155.9390, 1.9700, 8.3540



Tritanopia

156.9050, 25.6730, 13.8090

Trichromacy



Original Color

157.7940, 21.9120, 21.4000

Protanomaly

156.2750, 1.1440, 12.3120

Deuteranomaly

156.9940, 9.3050, 13.0890

Tritanomaly

157.4150, 24.2970, 16.7210

Monochromacy



Original Color

157.7940, 21.9120, 21.4000

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9350, 7.7930, 7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7940, 21.9120, 21.4000 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(192, 138, 170)` looks like.

```
.text, #text, p{  
    color:rgb(192, 138, 170)  
}
```

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(192, 138, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 138, 170) }
```

Border

The CSS property to change the border of an element to YIQ 157.7940, 21.9120, 21.4000 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(192, 138, 170) }
```


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

```
.border{ border-color:rgb(192, 138, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 138, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 138, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 138, 170);  
box-shadow:4px 4px 4px 4px rgb(192, 138,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7940, 21.9120, 21.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 138, 170) }
```

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

```
.background{ background-color: rgb(192,  
138, 170) }
```

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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