

Converting Colors

YIQ(157.0700, 2.9790, 6.5870)

Have a look what the booklet for
YIQ(157.0700, 2.9790, 6.5870)
contains.

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Color

**YIQ(157.0700, 2.9790,
6.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	A498A5
RGB	164, 152, 165
RGB Percent	64%, 60%, 65%
CMY	0.3568, 0.4039, 0.3529
CMYK	0.01, 0.08, 0.00, 0.35
HSL	295°, 7%, 62%
HSV	295°, 8%, 65%
XYZ	33.3308, 33.0650, 40.2230
YIQ	157.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

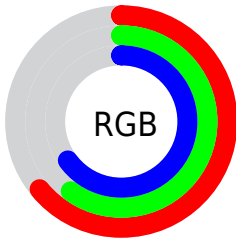
Format	Color
RYB	164, 152, 165
Decimal	10786981
CIELab	64.21, 6.84, -5.21
CIELCh	64, 8.599, 322.740
Yxy	33.0650, 0.3126, 0.3101
Android (android.graphics.Color)	4288977061 (0xFFA498A5)
YUV	157.0700, 3.9095, 6.0776
Hunter-Lab	57.5022, 2.8376, -1.2221

Details

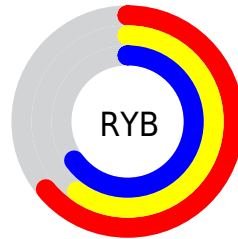
The YIQ color $157.0700, 2.9790, 6.5870$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $159.9300, -2.9790, -6.5870$, and the grayscale version is $157.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $211.4830, 3.2540, 7.1100$, and $105.6570, 2.7040, 6.0640$ is the 20% darker color. If you saturate the color by 10%, you get $146.7920, 7.0580, 15.2660$, and if you desaturate by 10%, it is $166.7610, -0.8250, -1.5690$.

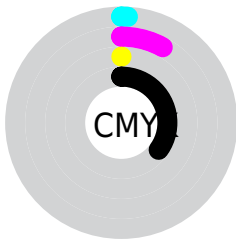
Distribution



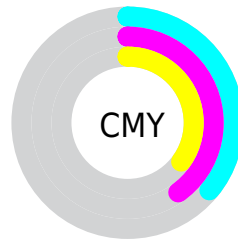
- Red (64%)
- Green (60%)
- Blue (65%)



- Red (64%)
- Yellow (60%)
- Blue (65%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.0700, 2.9790, 6.5870 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 157.0700, 2.9790, 6.5870 by changing the saturation by 10% instead.

■ 157.0700, 2.9790,
6.5870

■ 157.0700, 2.9790,
6.5870

255.0000, -0.0000,
-0.0000

■ 131.0700, 2.9790,
6.5870

■ 211.4830, 3.2540,
7.1100

■ 105.6570, 2.7040,
6.0640

■ 239.4830, 3.2540,
7.1100

■ 81.6570, 2.7040,
6.0640

■ 58.2440, 2.4290,
5.5410

■ 36.8310, 2.1540,
5.0180

■ 15.6570, 2.7040,
6.0640

■ 0.0000, 0.0000,

0.0000

■ 157.0700, 2.9790,
6.5870

■ 157.0700, 2.9790,
6.5870

■ 146.7920, 7.0580,
15.2660

■ 166.7610, -0.8250,
-1.5690

■ 136.8020, 10.2660,
23.2100

■ 177.3380, -4.3080,
-10.0360

■ 126.5240, 14.3450,
31.8890

■ 187.0290, -8.1120,
-18.1920

■ 116.8330, 18.1490,
40.0450

■ 197.3070,
-12.1910, -26.8710

■ 106.5550, 22.2280,
48.7240

■ 206.9980,
-15.9950, -35.0270

■ 96.5650, 25.4360,
56.6680

■ 217.5750,
-19.4780, -43.4940

■ 86.2870, 29.5150,
65.3470

■ 220.2220,
-19.9820, -45.3740

■ 76.5960, 33.3190,
73.5030

■ 220.5210,
-19.3860, -45.1620

■ 66.3180, 37.3980,
82.1820

■ 220.8200,
-18.7900, -44.9500

Harmonies

Analogous

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



156.1230, -4.5400, 5.1880



157.0700, 2.9790, 6.5870



157.4790, 9.0770, 6.2050

Triad

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



157.0700, 2.9790, 6.5870



155.5080, 10.1330, -1.9230



153.2370, -14.0290, -4.5650

Complementary

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



157.0700, 2.9790, 6.5870



159.9300, -2.9790, -6.5870

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.



153.2220, -9.6730, -6.4170



157.0700, 2.9790, 6.5870



154.8770, 4.5400, -5.1880

Square

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



157.0700, 2.9790, 6.5870



156.4700, 13.2960, 1.3280



153.9300, -2.9790, -6.5870



154.0460, -14.8090, -1.4410

Rectangle

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



157.0700, 2.9790, 6.5870



157.5070, 11.8740, 5.0740



153.9300, -2.9790, -6.5870



153.0090, -13.3870, -5.1870

Sweetspot

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



157.0700, 2.9790, 6.5870



211.6520, 1.1000, 2.0920



154.0690, -4.4480, 3.5200



105.8260, 0.5500, 1.0460



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



157.0700, 2.9790, 6.5870



202.5480, 4.6290, 9.7250



156.7990, 5.1800, 5.2440



76.4180, 1.8790, 4.4950



56.5960, 33.3190, 73.5030



6.8360, 3.7580, 8.9900

Inverse Universe

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



156.0010, 7.4270, 3.0670



200.7950, 11.0030, 4.3390



160.2010, -5.1800, -5.2440



75.8050, 5.0430, 2.2190



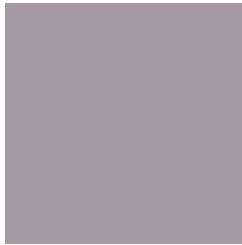
44.6090, 82.8890, 34.1610



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 157.0700, 2.9790, 6.5870 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 157.0700, 2.9790, 6.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

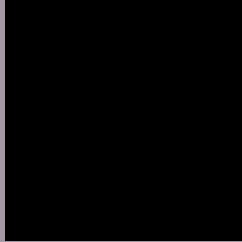
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.0700, 2.9790, 6.5870

Background



This preview shows how black text looks on a background with the YIQ color 157.0700, 2.9790, 6.5870.



This preview shows how white text looks on a background with the YIQ color 157.0700, 2.9790,

6.5870.

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

157.0700, 2.9790, 6.5870

Protanopia

156.3680, -3.8520, 3.7320

Deuteranopia

157.0810, 4.4460, 7.5340



Tritanopia

156.9560, 3.3000, 6.2760

Trichromacy



Original Color

157.0700, 2.9790, 6.5870

Protanomaly

156.5640, -1.4680, 4.5800

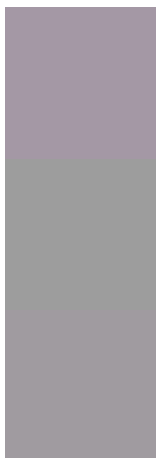
Deuteranomaly

156.7820, 3.8500, 7.3220

Tritanomaly

156.9560, 3.3000, 6.2760

Monochromacy



Original Color

157.0700, 2.9790, 6.5870

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.0700, 2.9790, 6.5870 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(164, 152, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 152, 165)  
}
```

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(164, 152, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 152, 165) }
```

Border

The CSS property to change the border of an element to YIQ 157.0700, 2.9790, 6.5870 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(164, 152, 165) }
```


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

```
.border{ border-color:rgb(164, 152, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 152, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 152, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 152, 165); box-shadow:4px 4px 4px 4px rgb(164, 152, 165) }
```

Background

The CSS property to change the background color of an element to YIQ 157.0700, 2.9790, 6.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 152, 165) }
```

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

```
.background{ background-color: rgb(164,  
152, 165) }
```

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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