

Converting Colors

YIQ(184.9400, 35.7600, 12.7200)

Have a look what the booklet for
YIQ(184.9400, 35.7600, 12.7200)
contains.

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Color

**YIQ(184.9400, 35.7600,
12.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A7A7
RGB	227, 167, 167
RGB Percent	89%, 65%, 65%
CMY	0.1097, 0.3452, 0.3450
CMYK	0.00, 0.26, 0.26, 0.11
HSL	360°, 52%, 77%
HSV	360°, 26%, 89%
XYZ	52.4825, 46.7564, 42.8355
YIQ	184.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

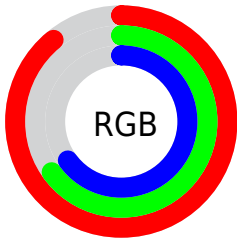
Format	Color
R _Y B	227, 167, 167
Decimal	14919591
CIE Lab	74.03, 22.12, 8.68
CIE LCh	74, 23.767, 21.429
Yxy	46.7564, 0.3694, 0.3291
Android (android.graphics.Color)	4293109671 (0xFFE3A7A7)
YUV	184.9400, -8.8444, 36.8866
Hunter-Lab	68.3786, 17.3412, 10.7231

Details

The YIQ color **184.9400, 35.7600, 12.7200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **209.0600, -35.7600, -12.7200**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.8670, 19.6680, 6.9960**, and **131.4450, 32.7800, 11.6600** is the 20% darker color. If you saturate the color by 10%, you get **168.8170, 49.4680, 17.5960**, and if you desaturate by 10%, it is **201.0630, 22.0520, 7.8440**.

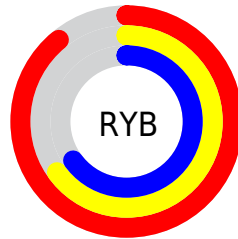
Distribution



Red (89%)

Green (65%)

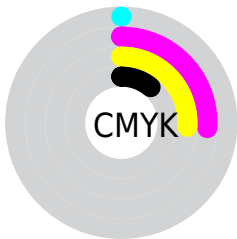
Blue (65%)



Red (89%)

Yellow (65%)

Blue (65%)

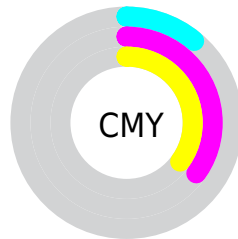


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (11%)



Cyan (11%)


Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.9400, 35.7600, 12.7200 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 184.9400, 35.7600, 12.7200 by changing the saturation by 10% instead.


 184.9400, 35.7600,
12.7200


 184.9400, 35.7600,
12.7200


255.0000, -0.0000,
-0.0000


 157.4560, 34.2470,
12.6070


 231.8670, 19.6680,
6.9960


 131.4450, 32.7800,
11.6600

 252.1960, 2.3840,
0.8480

 105.9610, 31.2670,
11.5470

 81.0640, 29.4790,
10.9110

 57.5800, 27.9660,
10.7980

 34.9110, 25.5360,
10.7840

 12.8570, 25.6280,

9.1160

■ 0.0000, 0.0000,
0.0000

■ 184.9400, 35.7600,
12.7200

■ 184.9400, 35.7600,
12.7200

■ 168.8170, 49.4680,
17.5960

■ 201.0630, 22.0520,
7.8440

■ 153.3950, 62.5800,
22.2600

■ 216.4850, 8.9400,
3.1800

■ 137.2720, 76.2880,
27.1360

■ 232.6080, -4.7680,
-1.6960

■ 121.1490, 89.9960,
32.0120

■ 246.6280,
-16.6880, -5.9360

■ 105.1400,
103.3830, 37.1990

■ 89.6040, 116.8160,
41.5520

■ 73.4810, 130.5240,
46.4280

■ 67.8730, 135.2920,
48.1240

Harmonies

Analogous

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



185.9530, 25.7180, 18.5020



184.9400, 35.7600, 12.7200



183.4420, 36.8620, 3.7580

Triad

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



184.9400, 35.7600, 12.7200



176.6160, -8.3870, -18.7150



179.0840, -35.1670, 4.0730

Complementary

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



184.9400, 35.7600, 12.7200



209.0600, -35.7600, -12.7200

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.



174.0020, -47.0400, -6.5280



184.9400, 35.7600, 12.7200



173.8940, -29.6610, -18.6290

Square

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



184.9400, 35.7600, 12.7200



179.0870, 12.3360, -14.3200



172.5150, -44.4710, -14.5430



183.3040, -14.9950, 12.9490

Rectangle

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



184.9400, 35.7600, 12.7200



182.4750, 32.0950, -3.4650



172.5150, -44.4710, -14.5430



177.3390, -40.4390, 0.4970

Sweetspot

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



184.9400, 35.7600, 12.7200



240.9800, 11.9200, 4.2400



191.4810, 15.9040, 31.1680



118.8870, 7.7480, 2.7560



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.



184.9400, 35.7600, 12.7200



197.5180, 48.8720, 17.3840



201.9630, 27.7850, -2.4470



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Inverse Universe

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



184.9400, 35.7600, 12.7200



197.5180, 48.8720, 17.3840



192.0370, -27.7850, 2.4470



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 184.9400, 35.7600, 12.7200 looks on a white background.

Color Contrast Check

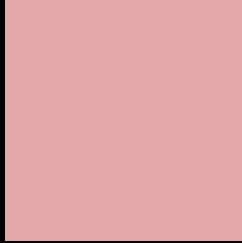
Large Text (above 18pt) WCAG AA × Fail

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 184.9400, 35.7600, 12.7200 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 184.9400, 35.7600, 12.7200

Background



This preview shows how black text looks on a background with the YIQ color 184.9400, 35.7600, 12.7200.



This preview shows how white text looks on a background with the YIQ color 184.9400, 35.7600,

12.7200.

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

184.9400, 35.7600, 12.7200

Protanopia

182.6970, 5.2270, -1.1170

Deuteranopia

183.7160, 21.4110, 2.9390



Tritanopia

185.3190, 33.3750, 17.3990

Trichromacy



Original Color

184.9400, 35.7600, 12.7200

Protanomaly

183.9050, 16.5050, 3.7450

Deuteranomaly

184.4610, 26.6830, 6.5150

Tritanomaly

185.4500, 34.3840, 15.6320

Monochromacy



Original Color

184.9400, 35.7600, 12.7200

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.5780, 13.1120, 4.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.9400, 35.7600, 12.7200 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(227, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 167)  
}
```

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(227, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 167) }
```

Border

The CSS property to change the border of an element to YIQ 184.9400, 35.7600, 12.7200 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(227, 167, 167) }
```


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

```
.border{ border-color:rgb(227, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(227, 167,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 184.9400, 35.7600, 12.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 167) }
```

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

```
.background{ background-color: rgb(227,  
167, 167) }
```

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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