

Converting Colors

YIQ(199.9340, 26.7290, 5.6810)

Have a look what the booklet for
YIQ(199.9340, 26.7290, 5.6810)
contains.

YIQ(199.9340, 26.7290, 5.6810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.9340, 26.7290,
5.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BDB4
RGB	229, 189, 180
RGB Percent	90%, 74%, 71%
CMY	0.1019, 0.2589, 0.2940
CMYK	0.00, 0.17, 0.21, 0.10
HSL	11°, 49%, 80%
HSV	11°, 21%, 90%
XYZ	58.7555, 56.3462, 50.9746
YIQ	199.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

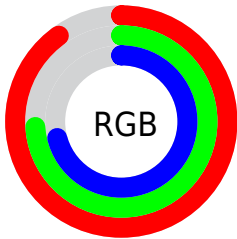
Format	Color
R _Y B	229, 191, 180
Decimal	15056308
CIE Lab	79.81, 12.96, 9.89
CIE LCh	80, 16.302, 37.368
Yxy	56.3462, 0.3538, 0.3393
Android (android.graphics.Color)	4293246388 (0xFFE5BDB4)
YUV	199.9340, -9.8275, 25.4909
Hunter-Lab	75.0641, 8.3566, 12.2822

Details

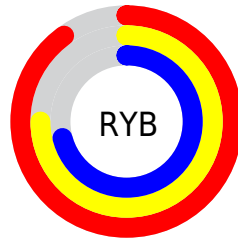
The YIQ color $199.9340, 26.7290, 5.6810$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $209.0660, -26.7290, -5.6810$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.9640, 8.8490, -0.6790$, and $146.0370, 24.9410, 5.0450$ is the 20% darker color. If you saturate the color by 10%, you get $186.1590, 39.3370, 8.4650$, and if you desaturate by 10%, it is $213.7090, 14.1210, 2.8970$.

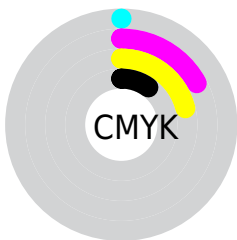
Distribution



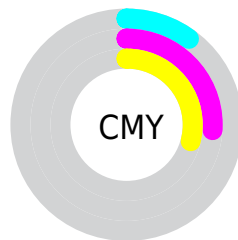
- Red (90%)
- Green (74%)
- Blue (71%)



- Red (90%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9340, 26.7290, 5.6810 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 199.9340, 26.7290, 5.6810 by changing the saturation by 10% instead.


 199.9340, 26.7290,
5.6810


 199.9340, 26.7290,
5.6810


255.0000, -0.0000,
-0.0000


 172.6350, 26.1330,
5.4690


 246.9640, 8.8490,
-0.6790

 146.0370, 24.9410,
5.0450

 119.8520, 24.0240,
5.1440

 95.2540, 22.8320,
4.7200

 70.7700, 21.3190,
4.6070

 48.2860, 19.8060,
4.4940

 26.2750, 18.3390,

3.5470

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 199.9340, 26.7290,
5.6810

■ 199.9340, 26.7290,
5.6810

■ 186.1590, 39.3370,
8.4650

■ 213.7090, 14.1210,
2.8970

■ 172.9710, 51.6700,
10.7260

■ 226.8970, 1.7880,
0.6360

■ 159.1960, 64.2780,
13.5100

■ 240.6720,
-10.8200, -2.1480

■ 145.4210, 76.8860,
16.2940

■ 247.2260,
-15.4960, -5.5120

■ 131.7600, 89.1730,
19.3890

■ 118.5720,
101.5060, 21.6500

■ 104.7970,
114.1140, 24.4340

■ 93.1250, 124.9340,
26.5820

Harmonies

Analogous

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



200.4700, 22.4640, 11.3920



199.9340, 26.7290, 5.6810



198.7500, 24.0710, -1.2170

Triad

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



199.9340, 26.7290, 5.6810



193.5540, -13.8440, -13.4280



197.8320, -16.7820, 6.7860

Complementary

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



199.9340, 26.7290, 5.6810



209.0660, -26.7290, -5.6810

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.



195.0430, -27.9220, -0.5780



199.9340, 26.7290, 5.6810



192.5620, -25.4900, -11.6180

Square

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



199.9340, 26.7290, 5.6810



195.3940, 1.2860, -12.2980



193.0870, -31.2220, -6.8540



199.8940, -2.1570, 11.5630

Rectangle

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



199.9340, 26.7290, 5.6810



197.2930, 17.9280, -5.5280



193.0870, -31.2220, -6.8540



197.2120, -20.9080, 4.4680

Sweetspot

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



199.9340, 26.7290, 5.6810



245.6590, 8.3900, 2.1340



199.3250, 16.0430, 23.1390



122.2780, 5.0890, 1.3850



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.



199.9340, 26.7290, 5.6810



215.7780, 36.0360, 7.7160



214.0220, 20.1290, -6.8710



107.7620, 6.6020, 1.4980



72.8920, 97.6090, 20.6890



20.5320, 27.9210, 6.1050

Inverse Universe

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



209.0660, -26.7290, -5.6810



228.2220, -36.0360, -7.7160



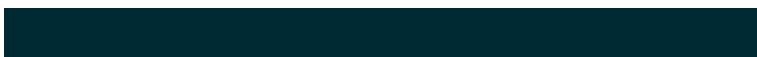
194.9780, -20.1290, 6.8710



110.2380, -6.6020, -1.4980



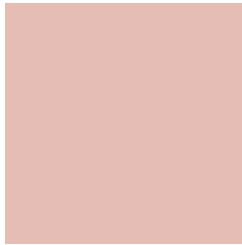
106.1080, -97.6090, -20.6890



30.4680, -27.9210, -6.1050

Previews

White Background



This preview shows how the YIQ color 199.9340, 26.7290, 5.6810 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 199.9340, 26.7290, 5.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

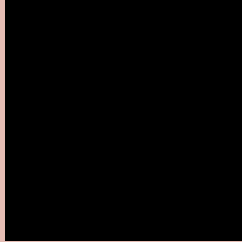
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.9340, 26.7290, 5.6810

Background



This preview shows how black text looks on a background with the YIQ color 199.9340, 26.7290, 5.6810.



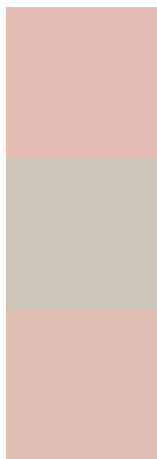
This preview shows how white text looks on a background with the YIQ color 199.9340, 26.7290,

5.6810.

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

199.9340, 26.7290, 5.6810

Protanopia

197.9100, 8.9410, -2.3470

Deuteranopia

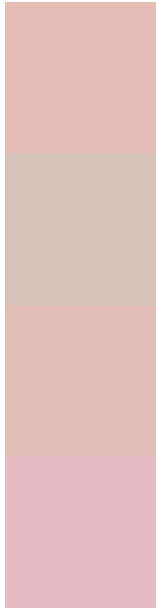
199.6130, 23.1990, 3.5750



Tritanopia

201.0510, 22.3260, 13.8940

Trichromacy



Original Color

199.9340, 26.7290, 5.6810

Protanomaly

198.7260, 15.4510, 0.8190

Deuteranomaly

199.6240, 24.6660, 4.5220

Tritanomaly

200.5410, 23.7020, 10.9820

Monochromacy



Original Color

199.9340, 26.7290, 5.6810

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1430, 9.9030, 2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9340, 26.7290, 5.6810 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(229, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 180)  
}
```

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(229, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 180) }
```

Border

The CSS property to change the border of an element to YIQ 199.9340, 26.7290, 5.6810 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(229, 189, 180) }
```


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

```
.border{ border-color:rgb(229, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(229, 189,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9340, 26.7290, 5.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 180) }
```

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

```
.background{ background-color: rgb(229,  
189, 180) }
```

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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