

Converting Colors

YIQ(195.2940, 35.6640, 36.4960)

Have a look what the booklet for
YIQ(195.2940, 35.6640, 36.4960)
contains.

YIQ(195.2940, 35.6640, 36.4960)	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(195.2940, 35.6640,
36.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA2DA
RGB	252, 162, 218
RGB Percent	99%, 64%, 85%
CMY	0.0115, 0.3648, 0.1450
CMYK	0.00, 0.36, 0.14, 0.01
HSL	323°, 94%, 81%
HSV	323°, 36%, 99%
XYZ	65.7397, 51.5980, 72.8414
YIQ	195.2940, 35.6640, 36.4960

Conversions

Conversions Part 2

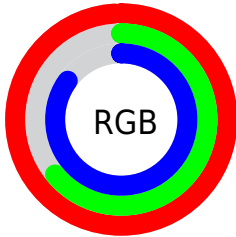
Format	Color
RYB	252, 162, 218
Decimal	16556762
CIELab	77.04, 41.15, -14.51
CIELCh	77, 43.629, 340.581
Yxy	51.5980, 0.3457, 0.2713
Android (android.graphics.Color)	4294746842 (0xFFFC A2DA)
YUV	195.2940, 11.1941, 49.7312
Hunter-Lab	71.8317, 37.6561, -9.8412

Details

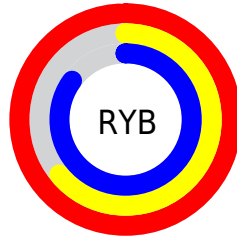
The YIQ color **195.2940, 35.6640, 36.4960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.7060, -35.6640, -36.4960**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.1750, 19.3510**, and **140.5710, 33.3260, 34.8140** is the 20% darker color. If you saturate the color by 10%, you get **179.5930, 45.4280, 46.7720**, and if you desaturate by 10%, it is **211.1090, 25.5790, 26.5310**.

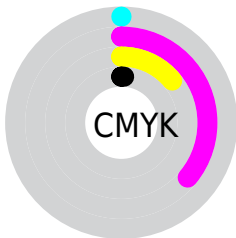
Distribution



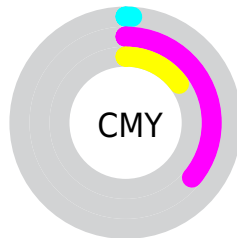
- Red (99%)
- Green (64%)
- Blue (85%)



- Red (99%)
- Yellow (64%)
- Blue (85%)



- Cyan (0%)
- Magenta (36%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.2940, 35.6640, 36.4960 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 195.2940, 35.6640, 36.4960 by changing the saturation by 10% instead.


 195.2940, 35.6640,
36.4960

 195.2940, 35.6640,
36.4960


255.0000, -0.0000,
-0.0000


 167.5820, 34.7930,
35.7610


 233.2810, 10.1750,
19.3510


 140.5710, 33.3260,
34.8140

 250.3040, 2.2000,
4.1840

 113.9730, 32.1340,
34.3900

 87.3750, 30.9420,
33.9660

 61.6030, 30.3000,
34.5880

 32.8960, 31.0330,
37.8250

 22.6140, 22.5990,

25.4710

■ 13.7560, 15.9070,
14.5870

■ 0.0000, 0.0000,
0.0000

■ 195.2940, 35.6640,
36.4960

■ 195.2940, 35.6640,
36.4960

■ 179.5930, 45.4280,
46.7720

■ 211.1090, 25.5790,
26.5310

■ 163.7780, 55.5130,
56.7370

■ 226.8100, 15.8150,
16.2550

■ 147.3760, 65.8730,
67.2250

■ 243.2120, 5.4550,
5.7670

■ 131.6750, 75.6370,
77.5010

■ 254.1030, -1.7880,
-0.6360

■ 115.8600, 85.7220,
87.4660

■ 100.1590, 95.4860,
97.7420

■ 93.2460, 99.7950,
102.2510

Harmonies

Analogous

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



194.5530, -1.7940, 32.5260



195.2940, 35.6640, 36.4960



189.1690, 51.7130, 26.4730

Triad

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



195.2940, 35.6640, 36.4960



185.5280, 32.6030, -23.6930



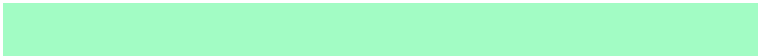
150.2710, -135.1570, -34.0450

Complementary

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



195.2940, 35.6640, 36.4960



218.7060, -35.6640, -36.4960

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.



157.2680, -104.7120, -40.6480



195.2940, 35.6640, 36.4960



180.8810, -2.4240, -33.1760

Square

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



195.2940, 35.6640, 36.4960



189.5300, 56.6250, -7.4950



173.4320, -46.5760, -36.9760



170.6670, -91.5130, -10.0170

Rectangle

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



195.2940, 35.6640, 36.4960



188.5530, 58.9590, 16.2950



173.4320, -46.5760, -36.9760



150.0770, -131.8550, -38.8230

Sweetspot

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



195.2940, 35.6640, 36.4960



237.3100, 11.2310, 11.2230



182.1270, -9.2220, 34.9860



117.2230, 6.9220, 6.7140



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.



195.2940, 35.6640, 36.4960



185.7560, 43.4110, 44.7790



190.2780, 49.7880, 22.8120



116.7990, 5.1800, 5.2440



69.8490, 75.0870, 76.4550



22.5710, 24.1580, 24.7500

Inverse Universe

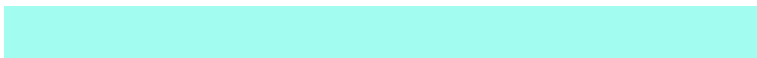
The Inverse Universe completely reimagines the original color for something new.



195.2940, 35.6640, 36.4960



185.7560, 43.4110, 44.7790



223.7220, -49.7880, -22.8120



116.7990, 5.1800, 5.2440



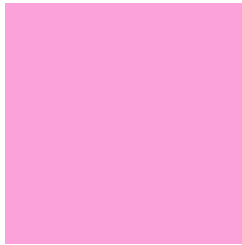
69.8490, 75.0870, 76.4550



22.5710, 24.1580, 24.7500

Previews

White Background



This preview shows how the YIQ color 195.2940, 35.6640, 36.4960 looks on a white background.

Color Contrast Check

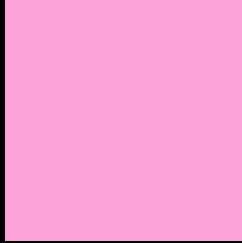
Large Text (above 18pt) WCAG AA × Fail

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 195.2940, 35.6640, 36.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

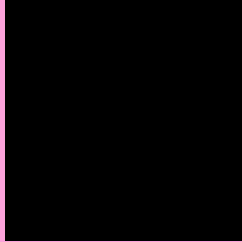
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.2940, 35.6640, 36.4960

Background



This preview shows how black text looks on a background with the YIQ color 195.2940, 35.6640, 36.4960.



This preview shows how white text looks on a background with the YIQ color 195.2940, 35.6640,

36.4960.

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

195.2940, 35.6640, 36.4960

Protanopia

191.6670, -20.4510, 12.7090

Deuteranopia

192.7800, -1.8360, 11.2520



Tritanopia

194.1030, 42.9110, 20.7910

Trichromacy



Original Color

195.2940, 35.6640, 36.4960



Protanomaly

192.7730, 0.0420, 21.2740



Deuteranomaly

193.5910, 12.2380, 20.5100



Tritanomaly

194.1230, 40.1590, 26.6150

Monochromacy



Original Color

195.2940, 35.6640, 36.4960



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.1470, 13.2480, 13.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2940, 35.6640, 36.4960 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(252, 162, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 162, 218)  
}
```

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(252, 162, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 162, 218) }
```

Border

The CSS property to change the border of an element to YIQ 195.2940, 35.6640, 36.4960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

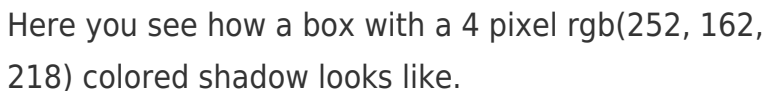
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 162, 218) }
```


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

```
.border{ border-color:rgb(252, 162, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 162, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 162, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 162, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 162,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2940, 35.6640, 36.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 162, 218) }
```

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

```
.background{ background-color: rgb(252,  
162, 218) }
```

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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