

Converting Colors

YIQ(141.1840, 3.7990, 35.7910)

Have a look what the booklet for
YIQ(141.1840, 3.7990, 35.7910)
contains.

YIQ(141.1840, 3.7990, 35.7910)	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(141.1840, 3.7990,
35.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	A775C6
RGB	167, 117, 198
RGB Percent	65%, 46%, 78%
CMY	0.3449, 0.5412, 0.2236
CMYK	0.16, 0.41, 0.00, 0.22
HSL	277°, 42%, 62%
HSV	277°, 41%, 78%
XYZ	32.4960, 25.0146, 56.5343
YIQ	141.1840, 3.7990, 35.7910

Conversions

Conversions Part 2

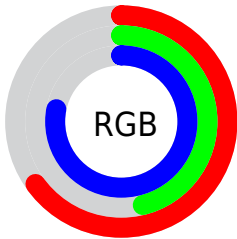
Format	Color
RYB	167, 117, 198
Decimal	10974662
CIELab	57.09, 34.58, -34.73
CIELCh	57, 49.012, 314.876
Yxy	25.0146, 0.2849, 0.2193
Android (android.graphics.Color)	4289164742 (0xFFA775C6)
YUV	141.1840, 28.0103, 22.6406
Hunter-Lab	50.0146, 28.4513, -32.0086

Details

The YIQ color $141.1840, 3.7990, 35.7910$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $173.8160, -3.7990, -35.7910$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.5370, 4.3030, 37.6710$, and $89.5320, 2.6990, 33.6990$ is the 20% darker color. If you saturate the color by 10%, you get $127.0520, 4.5310, 44.5550$, and if you desaturate by 10%, it is $155.3160, 3.0670, 27.0270$.

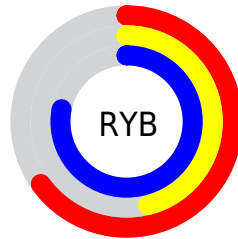
Distribution



Red (65%)

Green (46%)

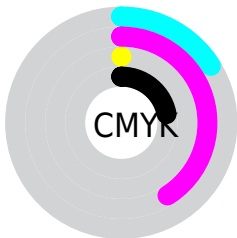
Blue (78%)



Red (65%)

Yellow (46%)

Blue (78%)

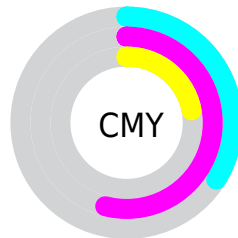


Cyan (16%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (54%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1840, 3.7990, 35.7910 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 141.1840, 3.7990, 35.7910 by changing the saturation by 10% instead.

■ 141.1840, 3.7990,
35.7910

■ 141.1840, 3.7990,
35.7910

255.0000, -0.0000,
-0.0000

■ 115.2440, 3.5700,
34.4340

■ 195.5370, 4.3030,
37.6710

■ 89.5320, 2.6990,
33.6990

■ 220.0570, 14.1620,
29.6980

■ 65.5920, 2.4700,
32.3420

■ 237.9770, 7.9750,
15.1670

■ 41.1790, 2.1950,
31.8190

■ 19.2280, 0.4990,
29.5150

■ 9.7290, -5.8260,
17.4860

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 141.1840, 3.7990,
35.7910

■ 141.1840, 3.7990,
35.7910

■ 127.0520, 4.5310,
44.5550

■ 155.3160, 3.0670,
27.0270

■ 113.2190, 5.8590,
53.5310

■ 169.1490, 1.7390,
18.0510

■ 99.6740, 6.3160,
61.7720

■ 182.6940, 1.2820,
9.8100

■ 85.8410, 7.6440,
70.7480

■ 196.5270, -0.0460,
0.8340

■ 71.7090, 8.3760,
79.5120

■ 210.6590, -0.7780,
-7.9300

■ 59.0500, 9.1540,
87.4420

■ 224.4920, -2.1060,
-16.9060

■ 238.0370, -2.5630,
-25.1470

■ 240.4290, 2.2050,
-23.4510

■ 242.5220, 6.3770,
-21.9670

Harmonies

Analogous

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



133.6380, -47.8700, 19.5380



141.1840, 3.7990, 35.7910



139.1100, 42.1740, 39.6620

Triad

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



141.1840, 3.7990, 35.7910



133.9980, 55.0670, -12.3010



110.7580, -94.1680, -33.4960

Complementary

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



141.1840, 3.7990, 35.7910



173.8160, -3.7990, -35.7910

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.



105.0410, -79.4480, -46.9680



141.1840, 3.7990, 35.7910



130.2130, 28.9360, -28.8240

Square

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



141.1840, 3.7990, 35.7910



135.6430, 67.2130, 9.8770



124.5810, -10.4470, -36.4550



113.9160, -105.8160, -20.6320

Rectangle

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



141.1840, 3.7990, 35.7910



137.4460, 58.5430, 34.8550



124.5810, -10.4470, -36.4550



109.0480, -89.3530, -38.1610

Sweetspot

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



141.1840, 3.7990, 35.7910



233.2150, 1.3730, 13.6690



144.4310, -34.5260, 8.9780



115.3410, 0.7780, 7.9300



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.



141.1840, 3.7990, 35.7910



167.2730, 5.7670, 55.1990



149.4270, 25.1640, 39.5640



92.8200, 0.6870, 4.0710



48.7810, 7.8730, 72.1050



10.6820, 1.5560, 15.8600

Inverse Universe

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



144.7530, 38.3250, 26.8130



172.8470, 59.0920, 41.4280



165.5730, -25.1640, -39.5640



93.0330, 4.4010, 2.8410



55.8050, 77.2460, 53.8380



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 141.1840, 3.7990, 35.7910 looks on a white background.

Color Contrast Check

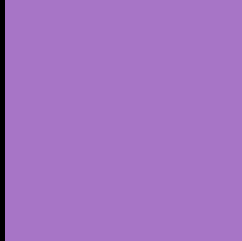
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.1840, 3.7990, 35.7910 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 × Fail

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

YIQ 141.1840, 3.7990, 35.7910

Background



This preview shows how black text looks on a background with the YIQ color 141.1840, 3.7990, 35.7910.



This preview shows how white text looks on a background with the YIQ color 141.1840, 3.7990,

35.7910.

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

141.1840, 3.7990, 35.7910

Protanopia

136.1180, -40.5340, 18.7460

Deuteranopia

136.6320, -30.5380, 13.7980



Tritanopia

139.5120, 13.4780, 9.0460

Trichromacy



Original Color

141.1840, 3.7990, 35.7910

Protanomaly

137.7180, -24.4880, 25.3040

Deuteranomaly

138.3180, -17.6100, 21.7980

Tritanomaly

139.8680, 9.9000, 18.8280

Monochromacy



Original Color

141.1840, 3.7990, 35.7910

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.8020, 1.0980, 13.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1840, 3.7990, 35.7910 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(167, 117, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 117, 198)  
}
```

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(167, 117, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 117, 198) }
```

Border

The CSS property to change the border of an element to YIQ 141.1840, 3.7990, 35.7910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

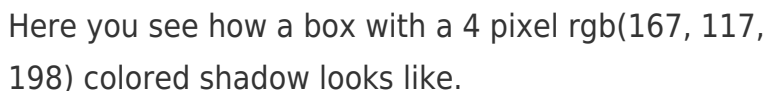
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 117, 198) }
```


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

```
.border{ border-color:rgb(167, 117, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 117, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 117, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 117, 198);  
box-shadow:4px 4px 4px 4px rgb(167, 117,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1840, 3.7990, 35.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 117, 198) }
```

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

```
.background{ background-color: rgb(167,  
117, 198) }
```

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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