

Converting Colors

YIQ(148.7940, 29.9390, 2.5710)

Have a look what the booklet for
YIQ(148.7940, 29.9390, 2.5710)
contains.

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Color

**YIQ(148.7940, 29.9390,
2.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	B38B78
RGB	179, 139, 120
RGB Percent	70%, 55%, 47%
CMY	0.2980, 0.4550, 0.5293
CMYK	0.00, 0.22, 0.33, 0.30
HSL	19°, 28%, 59%
HSV	19°, 33%, 70%
XYZ	31.2177, 29.4035, 21.8102
YIQ	148.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

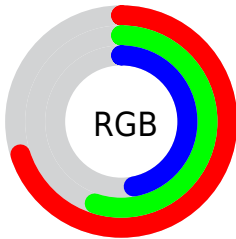
Format	Color
R_{YB}	179, 148, 120
Decimal	11766648
CIE _{Lab}	61.14, 12.49, 15.97
CIE _{LCh}	61, 20.279, 51.965
Yxy	29.4035, 0.3787, 0.3567
Android (android.graphics.Color)	4289956728 (0xFFB38B78)
YUV	148.7940, -14.1954, 26.4907
Hunter-Lab	54.2250, 7.8701, 14.1100

Details

The YIQ color **148.7940, 29.9390, 2.5710** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **150.2060, -29.9390, -2.5710**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.4630, 32.3690, 2.5850**, and **97.7120, 27.2340, 2.0340** is the 20% darker color. If you saturate the color by 10%, you get **139.6980, 39.0170, 3.2490**, and if you desaturate by 10%, it is **157.8900, 20.8610, 1.8930**.

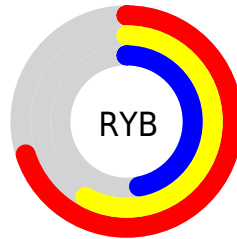
Distribution



Red (70%)

Green (55%)

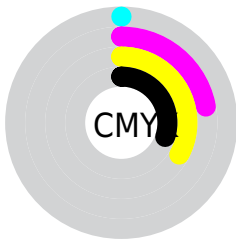
Blue (47%)



Red (70%)

Yellow (58%)

Blue (47%)

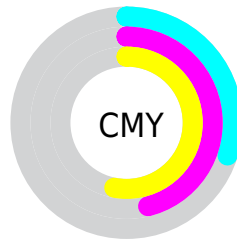


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (30%)



Cyan (30%)


Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.7940, 29.9390, 2.5710 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 148.7940, 29.9390, 2.5710 by changing the saturation by 10% instead.


 148.7940, 29.9390,
2.5710


 148.7940, 29.9390,
2.5710


255.0000, -0.0000,
-0.0000

 122.6090, 29.0220,
2.6700


 203.4630, 32.3690,
2.5850


 97.7120, 27.2340,
2.0340


 228.1850, 27.2800,
1.2000

 73.3420, 25.4000,
2.2320

 248.4000, 10.3170,
-5.2590

 50.5590, 23.2910,
1.9070

 28.3910, 23.7040,
-0.0720

 8.3720, 16.6880,
5.9360

 0.0000, 0.0000,

0.0000

■ 148.7940, 29.9390,
2.5710

■ 148.7940, 29.9390,
2.5710

■ 139.6980, 39.0170,
3.2490

■ 157.8900, 20.8610,
1.8930

■ 130.6020, 48.0950,
3.9270

■ 166.9860, 11.7830,
1.2150

■ 121.5060, 57.1730,
4.6050

■ 176.0820, 2.7050,
0.5370

■ 111.8230, 66.5260,
5.8060

■ 185.7650, -6.6480,
-0.6640

■ 102.8410, 75.2830,
6.7950

■ 194.8610,
-15.7260, -1.3420

■ 93.7450, 84.3610,
7.4730

■ 203.8430,
-24.4830, -2.3310

■ 87.5670, 90.7340,
7.6140

■ 212.9390,
-33.5610, -3.0090

■ 221.1230,
-40.0710, -6.1750

■ 228.1670,
-43.3710, -12.4510

Harmonies

Analogous

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



149.9500, 29.8000, 10.6000



148.7940, 29.9390, 2.5710



147.5170, 23.1090, -5.8110

Triad

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



148.7940, 29.9390, 2.5710



140.6390, -24.3890, -15.0530



148.8050, -12.1520, 10.9840

Complementary

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



148.7940, 29.9390, 2.5710



150.2060, -29.9390, -2.5710

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.



145.3790, -28.7480, 3.3800



148.7940, 29.9390, 2.5710



139.9890, -36.9980, -12.3100

Square

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



148.7940, 29.9390, 2.5710



143.2080, -7.0580, -15.2660



141.1340, -38.6040, -5.2280



150.6070, 6.1410, 15.3650

Rectangle

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



148.7940, 29.9390, 2.5710



146.2770, 14.8570, -10.4470



141.1340, -38.6040, -5.2280



147.7010, -17.7910, 8.5530

Sweetspot

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



148.7940, 29.9390, 2.5710



219.9860, 11.7830, 1.2150



142.2010, 22.3240, 24.9480



110.1210, 6.9690, 0.3530



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



148.7940, 29.9390, 2.5710



184.4170, 47.1780, 4.0260



165.8170, 21.9640, -12.5960



84.4520, 4.5390, 0.3390



74.5100, 77.7130, 6.8090



12.4700, 13.2960, 1.3280

Inverse Universe

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



150.2060, -29.9390, -2.5710



186.5830, -47.1780, -4.0260



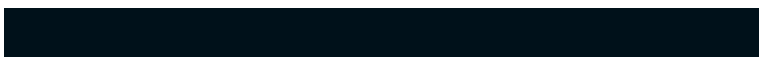
133.1830, -21.9640, 12.5960



84.5480, -4.5390, -0.3390



78.4900, -77.7130, -6.8090



12.9430, -13.0210, -0.8050

Previews

White Background



This preview shows how the YIQ color 148.7940, 29.9390, 2.5710 looks on a white background.

Color Contrast Check

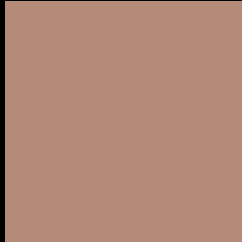
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.7940, 29.9390, 2.5710 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 148.7940, 29.9390, 2.5710

Background



This preview shows how black text looks on a background with the YIQ color 148.7940, 29.9390, 2.5710.



This preview shows how white text looks on a background with the YIQ color 148.7940, 29.9390,

2.5710.

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

148.7940, 29.9390, 2.5710

Protanopia

147.0690, 12.7470, -5.2450

Deuteranopia

148.3480, 25.2630, -0.7930



Tritanopia

150.3070, 24.4810, 13.3850

Trichromacy



Original Color

148.7940, 29.9390, 2.5710

Protanomaly

147.5860, 18.6610, -2.2910

Deuteranomaly

148.6580, 27.3260, 0.3660

Tritanomaly

149.5690, 26.4990, 9.8510

Monochromacy



Original Color

148.7940, 29.9390, 2.5710

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6870, 11.1870, 1.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7940, 29.9390, 2.5710 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(179, 139, 120)` looks like.

```
.text, #text, p{  
    color:rgb(179, 139, 120)  
}
```

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(179, 139, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 139, 120) }
```

Border

The CSS property to change the border of an element to YIQ 148.7940, 29.9390, 2.5710 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(179, 139, 120) }
```


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

```
.border{ border-color:rgb(179, 139, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 139, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 139, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 139, 120);  
box-shadow:4px 4px 4px 4px rgb(179, 139,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7940, 29.9390, 2.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 139, 120) }
```

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

```
.background{ background-color: rgb(179,  
139, 120) }
```

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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