

Converting Colors

YIQ(188.5240, 39.5670, 4.2950)

Have a look what the booklet for
YIQ(188.5240, 39.5670, 4.2950)
contains.

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Color

**YIQ(188.5240, 39.5670,
4.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AF98
RGB	229, 175, 152
RGB Percent	90%, 69%, 60%
CMY	0.1018, 0.3138, 0.4037
CMYK	0.00, 0.24, 0.34, 0.10
HSL	18°, 60%, 75%
HSV	18°, 34%, 90%
XYZ	53.3191, 49.5823, 36.4850
YIQ	188.5240, 39.5670, 4.2950

Conversions

Conversions Part 2

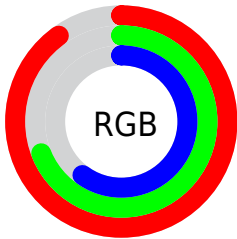
Format	Color
RYB	229, 185, 152
Decimal	15052696
CIELab	75.81, 16.63, 19.38
CIELCh	76, 25.536, 49.378
Yxy	49.5823, 0.3825, 0.3557
Android (android.graphics.Color)	4293242776 (0xFFE5AF98)
YUV	188.5240, -18.0063, 35.4975
Hunter-Lab	70.4147, 11.9371, 18.5695

Details

The YIQ color $188.5240, 39.5670, 4.2950$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $192.4760, -39.5670, -4.2950$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.3260, 22.3290, -2.6870$, and $134.5560, 36.5410, 4.0690$ is the 20% darker color. If you saturate the color by 10%, you get $176.5100, 51.3500, 5.5100$, and if you desaturate by 10%, it is $200.5380, 27.7840, 3.0800$.

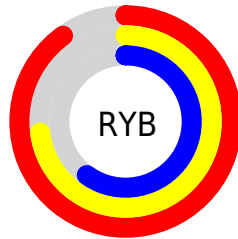
Distribution



Red (90%)

Green (69%)

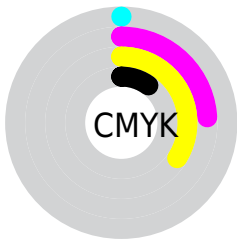
Blue (60%)



Red (90%)

Yellow (73%)

Blue (60%)

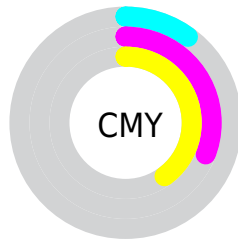


Cyan (0%)

Magenta (24%)

Yellow (34%)

Black (10%)



Cyan (10%)


Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.5240, 39.5670, 4.2950 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 188.5240, 39.5670, 4.2950 by changing the saturation by 10% instead.


 188.5240, 39.5670,
4.2950


 188.5240, 39.5670,
4.2950


255.0000, -0.0000,
-0.0000


 161.0400, 38.0540,
4.1820


 235.3260, 22.3290,
-2.6870


 134.5560, 36.5410,
4.0690

 252.7200, 6.4200,
-6.2200

 109.0720, 35.0280,
3.9560

 84.2890, 32.9190,
3.6310

 60.5060, 30.8100,
3.3060

 37.8970, 28.1510,
1.9350

 16.6670, 23.1070,

5.2430

■ 0.0000, 0.0000,
0.0000

■ 188.5240, 39.5670,
4.2950

■ 188.5240, 39.5670,
4.2950

■ 176.5100, 51.3500,
5.5100

■ 200.5380, 27.7840,
3.0800

■ 164.4960, 63.1330,
6.7250

■ 212.5520, 16.0010,
1.8650

■ 152.4820, 74.9160,
7.9400

■ 224.5660, 4.2180,
0.6500

■ 140.4680, 86.6990,
9.1550

■ 236.5800, -7.5650,
-0.5650

■ 128.5680, 98.1610,
10.6810

■ 247.2260,
-15.4960, -5.5120

■ 116.5540,
109.9440, 11.8960

■ 108.3870,
117.7840, 12.9840

Harmonies

Analogous

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



189.6630, 38.0980, 14.4020



188.5240, 39.5670, 4.2950



186.2960, 31.0410, -6.3910

Triad

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



188.5240, 39.5670, 4.2950



178.2420, -30.7610, -20.7210



187.8630, -18.0670, 13.5570

Complementary

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



188.5240, 39.5670, 4.2950



192.4760, -39.5670, -4.2950

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.



183.2190, -39.9810, 3.2110



188.5240, 39.5670, 4.2950



176.3080, -48.3220, -16.3380

Square

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



188.5240, 39.5670, 4.2950



180.9750, -8.0200, -19.8600



178.0230, -51.5330, -7.7010



190.6550, 6.1860, 20.0580

Rectangle

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



188.5240, 39.5670, 4.2950



185.2190, 20.7720, -13.0200



178.0230, -51.5330, -7.7010



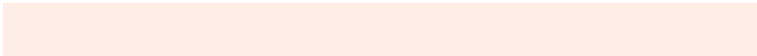
186.2750, -25.2190, 11.0130

Sweetspot

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



188.5240, 39.5670, 4.2950



241.5840, 12.9750, 1.6390



181.2930, 28.2370, 33.4290



119.7190, 8.1610, 0.7770



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.



188.5240, 39.5670, 4.2950



201.1080, 52.5420, 5.9340



210.2430, 29.3920, -15.0560



108.9360, 6.0520, 0.4520



84.6320, 92.1090, 10.2290



24.0540, 26.2710, 2.9670

Inverse Universe

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



192.4760, -39.5670, -4.2950



206.8920, -52.5420, -5.9340



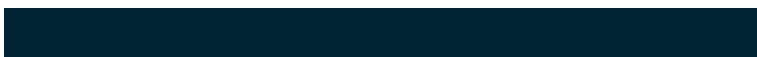
170.7570, -29.3920, 15.0560



109.0640, -6.0520, -0.4520



93.7810, -91.8340, -9.7060



26.9460, -26.2710, -2.9670

Previews

White Background



This preview shows how the YIQ color 188.5240, 39.5670, 4.2950 looks on a white background.

Color Contrast Check

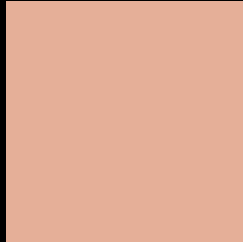
Large Text (above 18pt) WCAG AA × Fail

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 188.5240, 39.5670, 4.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

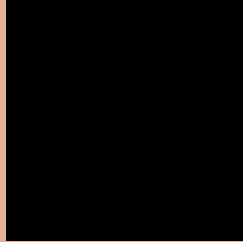
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5240, 39.5670, 4.2950

Background



This preview shows how black text looks on a background with the YIQ color 188.5240, 39.5670, 4.2950.



This preview shows how white text looks on a background with the YIQ color 188.5240, 39.5670,

4.2950.

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

188.5240, 39.5670, 4.2950

Protanopia

186.6840, 15.2690, -6.8990

Deuteranopia

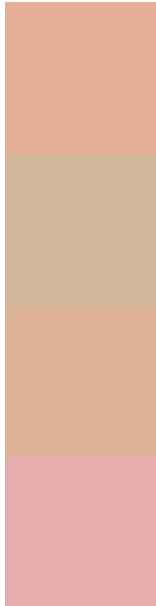
188.0560, 31.9570, -0.9630



Tritanopia

190.1340, 32.4580, 17.4980

Trichromacy



Original Color

188.5240, 39.5670, 4.2950

Protanomaly

187.6960, 24.1630, -2.8850

Deuteranomaly

188.0780, 34.8910, 0.9310

Tritanomaly

189.6410, 35.1640, 12.5080

Monochromacy



Original Color

188.5240, 39.5670, 4.2950

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0680, 14.4880, 1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5240, 39.5670, 4.2950 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, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 152)  
}
```

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, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 152) }
```

Border

The CSS property to change the border of an element to YIQ 188.5240, 39.5670, 4.2950 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, 175, 152) }
```


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

```
.border{ border-color:rgb(229, 175, 152) }
```

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

Here you see how a box with a 4 pixel rgb(229, 175, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(229, 175,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5240, 39.5670, 4.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 152) }
```

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

```
.background{ background-color: rgb(229,  
175, 152) }
```

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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