

Converting Colors

YIQ(198.6900, 49.5220,
-27.4540)

Have a look what the booklet for
YIQ(198.6900, 49.5220, -27.4540)
contains.

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Color

**YIQ(198.6900, 49.5220,
-27.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CB61
RGB	229, 203, 97
RGB Percent	90%, 80%, 38%
CMY	0.1020, 0.2039, 0.6193
CMYK	0.00, 0.11, 0.58, 0.10
HSL	48°, 72%, 64%
HSV	48°, 58%, 90%
XYZ	55.8270, 60.2288, 20.0096
YIQ	198.6900, 49.5220, -27.4540

Conversions

Conversions Part 2

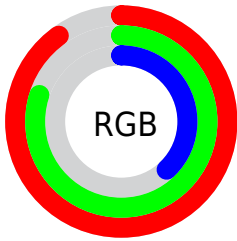
Format	Color
RYB	129, 229, 97
Decimal	15059809
CIELab	81.96, -3.52, 55.19
CIElCh	82, 55.305, 93.646
Yxy	60.2288, 0.4103, 0.4426
Android (android.graphics.Color)	4293249889 (0xFFE5CB61)
YUV	198.6900, -50.1332, 26.5819
Hunter-Lab	77.6072, -7.4080, 39.0382

Details

The YIQ color **198.6900, 49.5220, -27.4540** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **127.3100, -49.5220, 27.4540**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1440, 33.3840, -32.3440**, and **143.6080, 46.8170, -27.9910** is the 20% darker color. If you saturate the color by 10%, you get **193.1330, 58.2800, -31.9920**, and if you desaturate by 10%, it is **204.2470, 40.7640, -22.9160**.

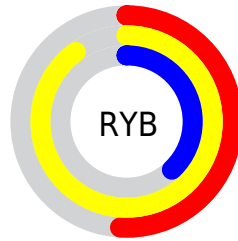
Distribution



Red (90%)

Green (80%)

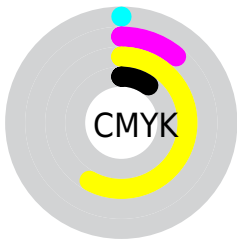
Blue (38%)



Red (51%)

Yellow (90%)

Blue (38%)

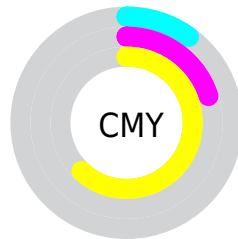


Cyan (0%)

Magenta (11%)

Yellow (58%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6900, 49.5220, -27.4540 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 198.6900, 49.5220, -27.4540 by changing the saturation by 10% instead.

198.6900, 49.5220,
-27.4540

198.6900, 49.5220,
-27.4540

255.0000, -0.0000,
-0.0000

171.2060, 48.0090,
-27.5670

243.1440, 33.3840,
-32.3440

143.6080, 46.8170,
-27.9910

246.2220, 24.7170,
-23.9470

116.5000, 47.0010,
-31.3270

249.5280, 15.4080,
-14.9280

92.4980, 41.3150,
-27.3970

252.7200, 6.4200,
-6.2200

70.3370, 31.8230,
-20.5690

49.3500, 21.7810,
-14.7870

29.5480, 12.6560,

-9.1040

■ 6.4680, -1.5580,
-4.8060

■ 0.0000, 0.0000,
0.0000

■ 198.6900, 49.5220,
-27.4540

■ 198.6900, 49.5220,
-27.4540

■ 193.1330, 58.2800,
-31.9920

■ 204.2470, 40.7640,
-22.9160

■ 188.1630, 66.7630,
-37.0530

■ 209.2170, 32.2810,
-17.8550

■ 182.6060, 75.5210,
-41.5910

■ 214.7740, 23.5230,
-13.3170

■ 177.6360, 84.0040,
-46.6520

■ 219.7440, 15.0400,
-8.2560

■ 176.4790, 85.8840,
-47.6840

■ 225.3010, 6.2820,
-3.7180

■ 230.1570, -1.8800,
1.0320

■ 235.4860, -9.9960,
4.9480

■ 237.8340,
-11.0960, 2.8560

■ 240.7690,
-12.4710, 0.2410

Harmonies

Analogous

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



197.4940, 65.4740, -8.1740



198.6900, 49.5220, -27.4540



193.2870, 7.7560, -41.4600

Triad

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



198.6900, 49.5220, -27.4540



163.4930, -144.8300, -40.4620



204.0620, 24.9340, 43.7340

Complementary

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



198.6900, 49.5220, -27.4540



127.3100, -49.5220, 27.4540

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.



204.0100, -4.8190, 26.7730



198.6900, 49.5220, -27.4540



158.7970, -142.6300, -36.2780

Square

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



198.6900, 49.5220, -27.4540



158.8360, -130.3390, -55.2910



188.5520, -63.0880, -2.0320



192.8510, 44.1010, 32.2690

Rectangle

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



198.6900, 49.5220, -27.4540



186.9160, -27.8680, -45.6280



188.5520, -63.0880, -2.0320



208.0400, 22.0000, 41.8400

Sweetspot

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



198.6900, 49.5220, -27.4540



244.8150, 16.2780, -8.6660



139.4320, 70.3260, 36.0700



121.5140, 9.9960, -4.9480



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.



198.6900, 49.5220, -27.4540



214.3910, 66.1210, -36.4310



201.9920, 18.5320, -49.5320



111.8710, 4.6770, -2.1630



137.4620, 67.3590, -36.8410



39.3160, 19.1210, -10.6310

Inverse Universe

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



127.3100, -49.5220, 27.4540



119.6090, -66.1210, 36.4310



124.0080, -18.5320, 49.5320



106.1290, -4.6770, 2.1630



40.9510, -67.0840, 37.3640



11.6840, -19.1210, 10.6310

Previews

White Background



This preview shows how the YIQ color 198.6900, 49.5220, -27.4540 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 198.6900, 49.5220, -27.4540 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 198.6900, 49.5220, -27.4540

Background



This preview shows how black text looks on a background with the YIQ color 198.6900, 49.5220, -27.4540.



This preview shows how white text looks on a background with the YIQ color 198.6900, 49.5220, -27.4540.

-27.4540.

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

198.6900, 49.5220, -27.4540

Protanopia

198.3800, 47.4590, -28.6130

Deuteranopia

200.2130, 64.4670, -17.4610



Tritanopia

207.0620, 23.7930, 14.8410

Trichromacy



Original Color

198.6900, 49.5220, -27.4540

Protanomaly

198.6790, 48.0550, -28.4010

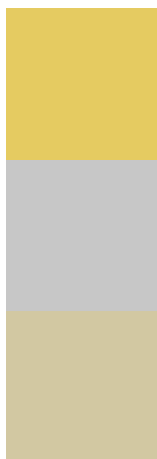
Deuteranomaly

199.4680, 59.1950, -21.0370

Tritanomaly

203.6540, 33.1490, -0.5390

Monochromacy



Original Color

198.6900, 49.5220, -27.4540

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.6580, 18.1580, -9.6980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6900, 49.5220, -27.4540 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, 203, 97)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 97)  
}
```

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, 203, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 97) }
```

Border

The CSS property to change the border of an element to YIQ 198.6900, 49.5220, -27.4540 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, 203, 97) }
```


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

```
.border{ border-color:rgb(229, 203, 97) }
```

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

Here you see how a box with a 4 pixel rgb(229, 203, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 97);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6900, 49.5220, -27.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 97) }
```

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

```
.background{ background-color: rgb(229,  
203, 97) }
```

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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