

Converting Colors

YIQ(198.5540, -3.5350, 25.5290)

Have a look what the booklet for
YIQ(198.5540, -3.5350, 25.5290)
contains.

YIQ(198.5540, -3.5350, 25.5290)	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(198.5540, -3.5350,
25.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B7F6
RGB	211, 183, 246
RGB Percent	83%, 72%, 96%
CMY	0.1724, 0.2824, 0.0354
CMYK	0.14, 0.26, 0.00, 0.04
HSL	267°, 78%, 84%
HSV	267°, 26%, 96%
XYZ	60.4349, 54.3679, 94.4847
YIQ	198.5540, -3.5350, 25.5290

Conversions

Conversions Part 2

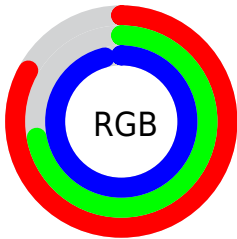
Format	Color
R _Y B	211, 183, 246
Decimal	13875190
CIE Lab	78.68, 21.87, -27.53
CIE LCh	79, 35.158, 308.459
Yxy	54.3679, 0.2888, 0.2598
Android (android.graphics.Color)	4292065270 (0xFFD3B7F6)
YUV	198.5540, 23.3909, 10.9151
Hunter-Lab	73.7346, 17.2680, -24.3609

Details

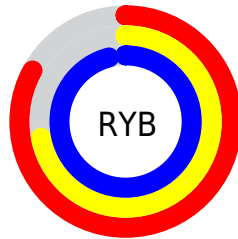
The YIQ color $198.5540, -3.5350, 25.5290$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.4460, 3.5350, -25.5290$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6080, 4.4000, 8.3680$, and $144.6140, -3.7640, 24.1720$ is the 20% darker color. If you saturate the color by 10%, you get $179.6930, -5.0040, 35.6360$, and if you desaturate by 10%, it is $217.4150, -2.0660, 15.4220$.

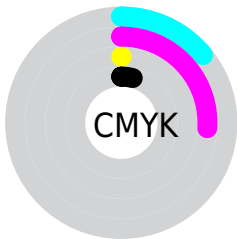
Distribution



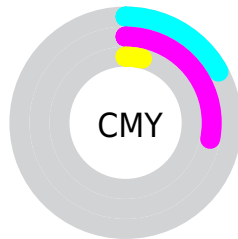
- Red (83%)
- Green (72%)
- Blue (96%)



- Red (83%)
- Yellow (72%)
- Blue (96%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)




- Cyan (17%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.5540, -3.5350, 25.5290 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 198.5540, -3.5350, 25.5290 by changing the saturation by 10% instead.

 198.5540, -3.5350,
25.5290

 198.5540, -3.5350,
25.5290


255.0000, -0.0000,
-0.0000


 171.0270, -3.4890,
24.6950


 245.6080, 4.4000,
8.3680

 144.6140, -3.7640,
24.1720

 118.6740, -3.9930,
22.8150

 93.5600, -3.6720,
22.5040

 69.6200, -3.9010,
21.1470

 46.7940, -4.4510,
20.1010

 24.5550, -5.2760,

18.5320

■ 7.2510, -7.4760,
14.3480

■ 2.6390, -6.0530,
5.0750

■ 198.5540, -3.5350,
25.5290

■ 198.5540, -3.5350,
25.5290

■ 179.6930, -5.0040,
35.6360

■ 217.4150, -2.0660,
15.4220

■ 161.7180, -6.1520,
45.4320

■ 235.3900, -0.9180,
5.6260

■ 142.8570, -7.6210,
55.5390

■ 253.0770, 1.1010,
-3.4350

■ 124.5830, -9.3650,
65.1230

■ 253.9740, 2.8890,
-2.7990

■ 106.0210,
-10.2380, 75.4420

■ 87.1600, -11.7070,
85.5490

■ 68.8860, -13.4510,
95.1330

■ 60.6350, -14.0020,
99.6140

Harmonies

Analogous

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



192.8700, -37.1400, 12.3000



198.5540, -3.5350, 25.5290



199.4730, 27.5500, 29.3580

Triad

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



198.5540, -3.5350, 25.5290



195.1470, 47.6380, -4.3140



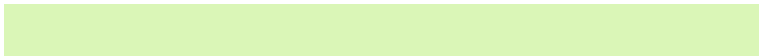
177.4750, -65.3300, -27.4900

Complementary

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



198.5540, -3.5350, 25.5290



230.4460, 3.5350, -25.5290

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.



183.3030, -32.7310, -29.0750



198.5540, -3.5350, 25.5290



192.0640, 28.3380, -17.9820

Square

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



198.5540, -3.5350, 25.5290



196.7540, 53.7790, 11.0510



188.0650, 0.2340, -26.2780



175.9480, -82.4790, -19.5590

Rectangle

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



198.5540, -3.5350, 25.5290



198.6070, 41.6720, 26.7280



188.0650, 0.2340, -26.2780



178.9230, -54.9680, -28.0560

Sweetspot

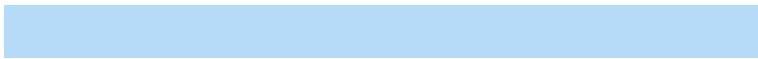
The Sweet Spot groups the original color and five complimentary colors.



198.5540, -3.5350, 25.5290



239.9710, -1.0560, 8.1280



211.3140, -30.1230, 0.7650



117.9770, -1.1930, 5.1030



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.



198.5540, -3.5350, 25.5290



195.4710, -4.4990, 31.9890



207.8230, 14.9410, 32.1010



113.1620, -0.2760, 5.0040



46.0210, -10.2380, 75.4420



14.5000, -3.4430, 23.8610

Inverse Universe

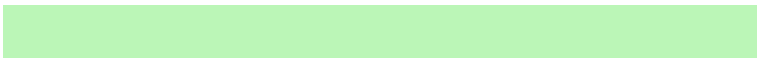
The Inverse Universe completely reimagines the original color for something new.



205.8270, 26.3130, 24.2410



204.6370, 32.9600, 30.4320



221.1770, -14.9410, -32.1010



114.3860, 4.9050, 4.7210



67.3560, 77.7930, 71.4650



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 198.5540, -3.5350, 25.5290 looks on a white background.

Color Contrast Check

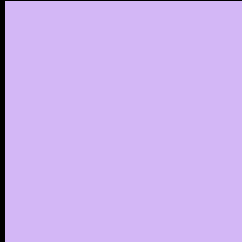
Large Text (above 18pt) WCAG AA × Fail

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 198.5540, -3.5350, 25.5290 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 198.5540, -3.5350, 25.5290

Background



This preview shows how black text looks on a background with the YIQ color 198.5540, -3.5350, 25.5290.



This preview shows how white text looks on a background with the YIQ color 198.5540, -3.5350,

25.5290.

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

198.5540, -3.5350, 25.5290

Protanopia

195.6540, -27.6040, 15.6920

Deuteranopia

196.1450, -18.8010, 15.8470



Tritanopia

196.5970, 2.9330, 7.4210

Trichromacy



Original Color

198.5540, -3.5350, 25.5290

Protanomaly

196.5520, -18.3890, 19.3950

Deuteranomaly

196.8900, -13.5290, 19.4230

Tritanomaly

197.4430, 0.7310, 14.2910

Monochromacy



Original Color

198.5540, -3.5350, 25.5290

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.6120, -1.4230, 9.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5540, -3.5350, 25.5290 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(211, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(211, 183, 246)  
}
```

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(211, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 183, 246) }
```

Border

The CSS property to change the border of an element to YIQ 198.5540, -3.5350, 25.5290 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(211, 183, 246) }
```


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

```
.border{ border-color:rgb(211, 183, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 183, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 183, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 183, 246);  
box-shadow:4px 4px 4px 4px rgb(211, 183,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5540, -3.5350, 25.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 183, 246) }
```

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

```
.background{ background-color: rgb(211,  
183, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor