

Converting Colors

YIQ(250.5540, 12.5190,
-12.1290)

Have a look what the booklet for
YIQ(250.5540, 12.5190, -12.1290)
contains.

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Color

**YIQ(250.5540, 12.5190,
-12.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFD8
RGB	255, 255, 216
RGB Percent	100%, 100%, 85%
CMY	0.0000, 0.0000, 0.1529
CMYK	0.00, 0.00, 0.15, 0.00
HSL	60°, 100%, 92%
HSV	60°, 15%, 100%
XYZ	89.3950, 97.7377, 79.1332
YIQ	250.5540, 12.5190, -12.1290

Conversions

Conversions Part 2

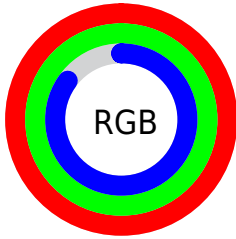
Format	Color
R_{YB}	216, 255, 216
Decimal	16777176
CIE _{Lab}	99.12, -6.31, 18.66
CIE _{LCh}	99, 19.703, 108.693
Yxy	97.7377, 0.3357, 0.3671
Android (android.graphics.Color)	4294967256 (0xFFFFFFFFD8)
YUV	250.5540, -17.0351, 3.8991
Hunter-Lab	98.8624, -11.6029, 21.7457

Details

The YIQ color $250.5540, 12.5190, -12.1290$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $220.4460, -12.5190, 12.1290$, and the grayscale version is $251.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $193.7820, 11.8770, -11.5070$ is the 20% darker color. If you saturate the color by 10%, you get $247.7040, 20.5440, -19.9040$, and if you desaturate by 10%, it is $253.5180, 4.1730, -4.0430$.

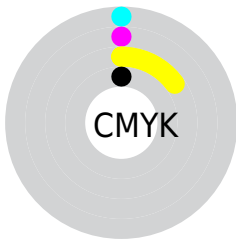
Distribution



- Red (100%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 250.5540, 12.5190, -12.1290 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 250.5540, 12.5190, -12.1290 by changing the saturation by 10% instead.


 250.5540, 12.5190,
-12.1290


 250.5540, 12.5190,
-12.1290


255.0000, -0.0000,
-0.0000


 221.6680, 12.1980,
-11.8180

 193.7820, 11.8770,
-11.5070

 166.8960, 11.5560,
-11.1960

 140.5970, 10.9600,
-11.4080

 114.8250, 10.3180,
-10.7860

 90.0530, 9.6760,
-10.1640

 66.7540, 9.0800,

-10.3760

■ 43.9820, 8.4380,
-9.7540

■ 23.6230, 8.0710,
-8.6090

■ 250.5540, 12.5190,
-12.1290

■ 250.5540, 12.5190,
-12.1290

■ 247.7040, 20.5440,
-19.9040

■ 253.5180, 4.1730,
-4.0430

■ 244.7400, 28.8900,
-27.9900

255.0000, -0.0000,
-0.0000

■ 241.8900, 36.9150,
-35.7650

■ 238.9260, 45.2610,
-43.8510

■ 236.0760, 53.2860,
-51.6260

■ 233.1120, 61.6320,
-59.7120

■ 230.2620, 69.6570,
-67.4870

■ 227.2980, 78.0030,
-75.5730

■ 225.9300, 81.8550,
-79.3050

Harmonies

Analogous

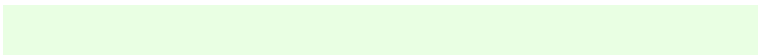
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.9180, 14.4900, -9.3020



250.5540, 12.5190, -12.1290



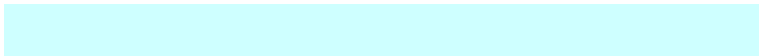
245.2300, -4.1240, -13.3720

Triad

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



250.5540, 12.5190, -12.1290



240.3490, -29.2040, -10.3880



246.1950, 4.1250, 7.8450

Complementary

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



250.5540, 12.5190, -12.1290



220.4460, -12.5190, 12.1290

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.



248.5430, 3.0250, 5.7530



250.5540, 12.5190, -12.1290



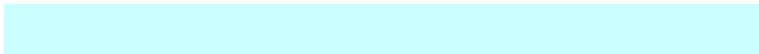
245.4320, -19.0720, -6.7840

Square

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



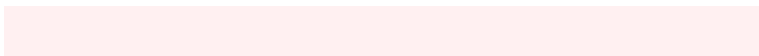
250.5540, 12.5190, -12.1290



239.4520, -30.9920, -11.0240



249.6730, -3.3930, 0.9190



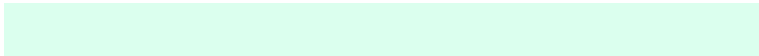
244.5990, 8.6190, 3.4910

Rectangle

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



250.5540, 12.5190, -12.1290



242.2980, -15.9990, -12.9190



249.6730, -3.3930, 0.9190



246.7820, 3.8500, 7.3220

Sweetspot

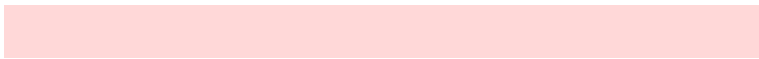
The Sweet Spot groups the original color and five complimentary colors.



250.5540, 12.5190, -12.1290



253.5180, 4.1730, -4.0430



227.6610, 23.2440, 8.2680



126.7890, 1.9720, -2.7000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

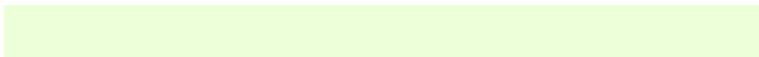
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.5540, 12.5190, -12.1290



249.7560, 14.7660, -14.3060



244.8730, 1.1950, -16.1570



126.2190, 3.5770, -4.2550



169.2260, 61.3110, -59.4010



56.7040, 20.5440, -19.9040

Inverse Universe

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



220.4460, -12.5190, 12.1290



214.2440, -14.7660, 14.3060



226.4260, -0.5990, 16.3690



116.4820, -4.1730, 4.0430



21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Previews

White Background



This preview shows how the YIQ color 250.5540, 12.5190, -12.1290 looks on a white background.

Color Contrast Check

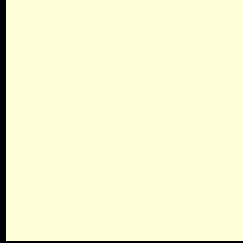
Large Text (above 18pt) WCAG AA × Fail

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 250.5540, 12.5190, -12.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

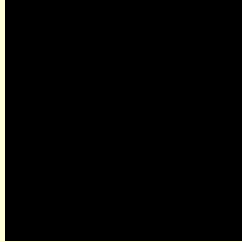
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 250.5540, 12.5190, -12.1290

Background



This preview shows how black text looks on a background with the YIQ color 250.5540, 12.5190, -12.1290.



This preview shows how white text looks on a background with the YIQ color 250.5540, 12.5190,

-12.1290.

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

250.5540, 12.5190, -12.1290

Protanopia

252.2130, 3.7140, -1.2300

Deuteranopia

252.6690, 2.4300, 0.0140

Tritanopia

252.9400, 0.2290, 1.3570

Trichromacy



Original Color

250.5540, 12.5190, -12.1290



Protanomaly

251.5460, 6.9700, -5.1740

Deuteranomaly

251.8880, 6.0070, -4.2410

Tritanomaly

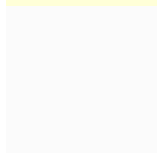
251.9310, 4.4480, -3.5200

Monochromacy



Original Color

250.5540, 12.5190, -12.1290



Achromatopsia

251.0000, 0.0000, -0.0000



Achromatomaly

250.4040, 4.4940, -4.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.5540, 12.5190, -12.1290 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(255, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 216)  
}
```

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(255, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 216) }
```

Border

The CSS property to change the border of an element to YIQ 250.5540, 12.5190, -12.1290 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(255, 255, 216) }
```


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

```
.border{ border-color:rgb(255, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 250.5540, 12.5190, -12.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 216) }
```

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

```
.background{ background-color: rgb(255,  
255, 216) }
```

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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