

Converting Colors

YIQ(217.5540, -5.8170,
-32.2570)

Have a look what the booklet for
YIQ(217.5540, -5.8170, -32.2570)
contains.

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Color

**YIQ(217.5540, -5.8170,
-32.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F0A9
RGB	192, 240, 169
RGB Percent	75%, 94%, 66%
CMY	0.2472, 0.0587, 0.3372
CMYK	0.20, 0.00, 0.30, 0.06
HSL	101°, 70%, 80%
HSV	101°, 30%, 94%
XYZ	60.0562, 76.3980, 49.1211
YIQ	217.5540, -5.8170, -32.2570

Conversions

Conversions Part 2

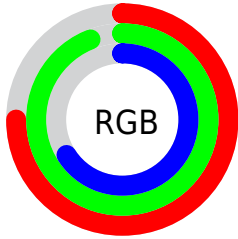
Format	Color
RYB	169, 240, 217
Decimal	12644521
CIELab	90.04, -28.03, 29.44
CIElCh	90, 40.655, 133.595
Yxy	76.3980, 0.3236, 0.4117
Android (android.graphics.Color)	4290834601 (0xFFC0F0A9)
YUV	217.5540, -23.9371, -22.4109
Hunter-Lab	87.4060, -30.3140, 27.8639

Details

The YIQ color $217.5540, -5.8170, -32.2570$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $191.4460, 5.8170, 32.2570$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7860, 6.0540, -10.6020$, and $162.1950, -6.1840, -31.1120$ is the 20% darker color. If you saturate the color by 10%, you get $210.0340, -7.6490, -43.1130$, and if you desaturate by 10%, it is $225.0740, -3.9850, -21.4010$.

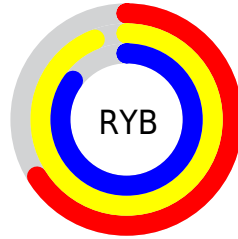
Distribution



Red (75%)

Green (94%)

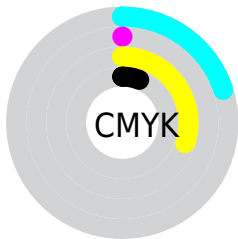
Blue (66%)



Red (66%)

Yellow (94%)

Blue (85%)

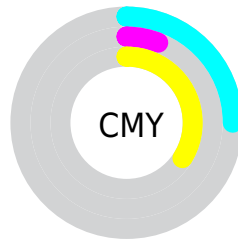


Cyan (20%)

Magenta (0%)

Yellow (30%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5540, -5.8170, -32.2570 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 217.5540, -5.8170, -32.2570 by changing the saturation by 10% instead.

■ 217.5540, -5.8170,
-32.2570

■ 217.5540, -5.8170,
-32.2570

255.0000, -0.0000,
-0.0000

■ 189.6680, -6.1380,
-31.9460

■ 249.7860, 6.0540,
-10.6020

■ 162.1950, -6.1840,
-31.1120

254.7720, 0.6420,
-0.6220

■ 135.7220, -6.2300,
-30.2780

■ 109.6620, -6.0010,
-28.9210

■ 84.8900, -6.6430,
-28.2990

■ 60.7050, -7.5600,
-28.2000

■ 36.4490, -9.7150,

-27.6910

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 217.5540, -5.8170,
-32.2570

■ 217.5540, -5.8170,
-32.2570

■ 210.0340, -7.6490,
-43.1130

■ 225.0740, -3.9850,
-21.4010

■ 202.2150,
-10.0770, -54.1810

■ 232.5940, -2.1530,
-10.5450

■ 194.6950,
-11.9090, -65.0370

■ 240.4130, 0.2750,
0.5230

■ 187.1750,
-13.7410, -75.8930

■ 246.1950, 4.1250,
7.8450

■ 179.6550,
-15.5730, -86.7490

■ 171.8360,
-18.0010, -97.8170

■ 164.3160,
-19.8330, -108.6730

■ 164.2020,
-19.5120, -108.9840

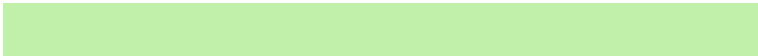
Harmonies

Analogous

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



222.3750, 28.6600, -23.8200



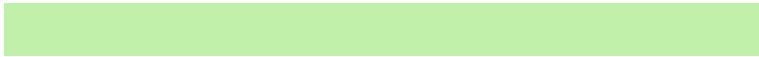
217.5540, -5.8170, -32.2570



210.8990, -46.3930, -34.7850

Triad

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



217.5540, -5.8170, -32.2570



210.3480, -62.9940, -14.7540



215.8240, 30.3950, 16.3390

Complementary

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



217.5540, -5.8170, -32.2570



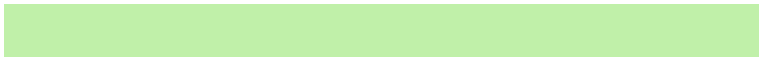
191.4460, 5.8170, 32.2570

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.



222.0310, 17.0510, 26.8990



217.5540, -5.8170, -32.2570



220.6570, -23.6590, 4.7650

Square

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



217.5540, -5.8170, -32.2570



201.5890, -92.0140, -28.4780



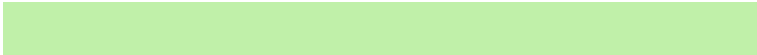
228.2860, 11.7790, 23.3230



215.9430, 39.7050, 1.7930

Rectangle

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



217.5540, -5.8170, -32.2570



206.4800, -72.8940, -33.5820



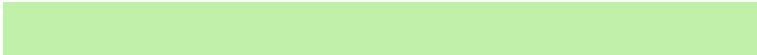
228.2860, 11.7790, 23.3230



217.3060, 26.2220, 20.3820

Sweetspot

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



217.5540, -5.8170, -32.2570



247.5940, -2.1530, -10.5450



217.8180, 29.3910, -9.5290



123.3000, -1.1450, -6.7850



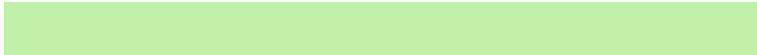
0.0000, 0.0000, 0.0000



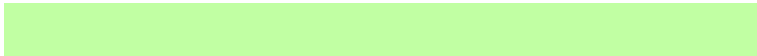
128.0000, -0.0000, -0.0000

Same Dimension

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



217.5540, -5.8170, -32.2570



225.9740, -7.4200, -41.7560



212.0450, -23.3770, -33.4010



116.2400, -0.9160, -5.4280



125.6490, -15.4360, -83.7240



38.2540, -4.6720, -25.4720

Inverse Universe

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



191.4460, 5.8170, 32.2570



192.0260, 7.4200, 41.7560



196.9550, 23.3770, 33.4010



111.7600, 0.9160, 5.4280



58.0520, 14.8400, 83.5120



17.7460, 4.6720, 25.4720

Previews

White Background



This preview shows how the YIQ color 217.5540, -5.8170, -32.2570 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 217.5540, -5.8170, -32.2570 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 217.5540, -5.8170, -32.2570

Background



This preview shows how black text looks on a background with the YIQ color 217.5540, -5.8170, -32.2570.



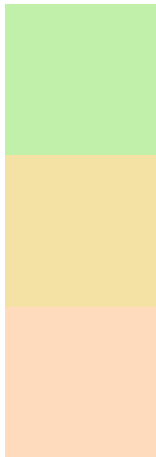
This preview shows how white text looks on a background with the YIQ color 217.5540, -5.8170,

-32.2570.

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

217.5540, -5.8170, -32.2570

Protanopia

223.9010, 30.3550, -15.9890

Deuteranopia

226.4580, 30.7650, -1.3870



Tritanopia

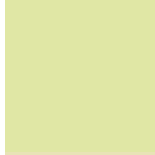
224.2780, -21.2740, 0.0860

Trichromacy



Original Color

217.5540, -5.8170, -32.2570



Protanomaly

221.3830, 17.0140, -22.0100



Deuteranomaly

223.3650, 17.4250, -12.9350



Tritanomaly

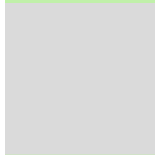
222.1240, -15.4490, -11.8730

Monochromacy



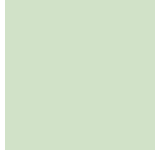
Original Color

217.5540, -5.8170, -32.2570



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

217.9530, -1.7860, -11.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5540, -5.8170, -32.2570 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(192, 240, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 240, 169)  
}
```

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(192, 240, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 240, 169) }
```

Border

The CSS property to change the border of an element to YIQ 217.5540, -5.8170, -32.2570 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(192, 240, 169) }
```


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

```
.border{ border-color:rgb(192, 240, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 240, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 240, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 240, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 240,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 217.5540, -5.8170, -32.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 240, 169) }
```

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

```
.background{ background-color: rgb(192,  
240, 169) }
```

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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