

Converting Colors

YIQ(220.7850, 6.6540, -32.4980)

Have a look what the booklet for
YIQ(220.7850, 6.6540, -32.4980)
contains.

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Color

**YIQ(220.7850, 6.6540,
-32.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF09E
RGB	207, 240, 158
RGB Percent	81%, 94%, 62%
CMY	0.1884, 0.0587, 0.3803
CMYK	0.14, 0.00, 0.34, 0.06
HSL	84°, 73%, 78%
HSV	84°, 34%, 94%
XYZ	63.0605, 78.0583, 44.1012
YIQ	220.7850, 6.6540, -32.4980

Conversions

Conversions Part 2

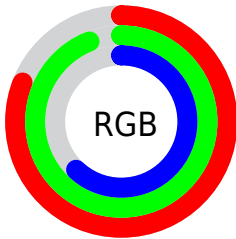
Format	Color
RYB	158, 240, 191
Decimal	13627550
CIELab	90.81, -24.28, 36.17
CIELCh	91, 43.567, 123.873
Yxy	78.0583, 0.3405, 0.4214
Android (android.graphics.Color)	4291817630 (0xFFCFF09E)
YUV	220.7850, -30.9530, -12.0894
Hunter-Lab	88.3506, -27.2085, 32.2501

Details

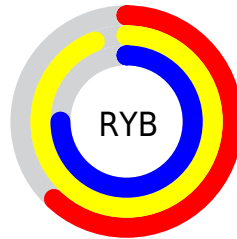
The YIQ color $220.7850, 6.6540, -32.4980$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $177.2150, -6.6540, 32.4980$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, 13.4820, -13.0620$, and $165.5400, 5.9660, -31.0420$ is the 20% darker color. If you saturate the color by 10%, you get $215.0590, 8.3980, -42.0820$, and if you desaturate by 10%, it is $226.5110, 4.9100, -22.9140$.

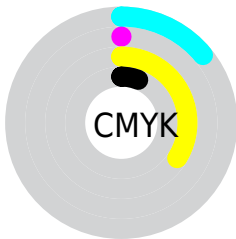
Distribution



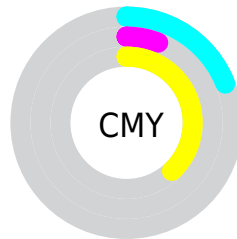
- Red (81%)
- Green (94%)
- Blue (62%)



- Red (62%)
- Yellow (94%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.7850, 6.6540, -32.4980 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 220.7850, 6.6540, -32.4980 by changing the saturation by 10% instead.

 220.7850, 6.6540,
-32.4980


 220.7850, 6.6540,
-32.4980

255.0000, -0.0000,
-0.0000

 192.8990, 6.3330,
-32.1870


 250.2120, 13.4820,
-13.0620


 165.5400, 5.9660,
-31.0420

 253.5180, 4.1730,
-4.0430

 138.7680, 5.3240,
-30.4200

 112.8820, 5.0030,
-30.1090

 87.4090, 4.9570,
-29.2750

 62.7680, 5.3240,
-30.4200

 42.1190, 0.1420,

-24.6100

■ 21.1320, -9.9000,
-18.8280

■ 3.5220, -1.6500,
-3.1380

■ 220.7850, 6.6540,
-32.4980

■ 220.7850, 6.6540,
-32.4980

■ 215.0590, 8.3980,
-42.0820

■ 226.5110, 4.9100,
-22.9140

■ 209.6320, 10.7380,
-51.4540

■ 231.9380, 2.5700,
-13.5420

■ 203.9060, 12.4820,
-61.0380

■ 237.6640, 0.8260,
-3.9580

■ 198.1800, 14.2260,
-70.6220

■ 243.3900, -0.9180,
5.6260

■ 192.7530, 16.5660,
-79.9940

■ 246.1950, 4.1250,
7.8450

■ 187.0270, 18.3100,
-89.5780

■ 183.6370, 19.2280,
-95.2040

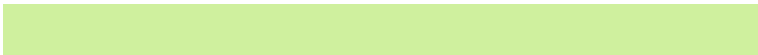
Harmonies

Analogous

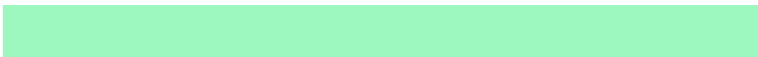
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.7140, 40.9470, -20.7250



220.7850, 6.6540, -32.4980



214.2930, -35.9390, -37.0190

Triad

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



220.7850, 6.6540, -32.4980



205.1990, -81.9280, -24.0400



217.5340, 25.5800, 21.0040

Complementary

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



220.7850, 6.6540, -32.4980



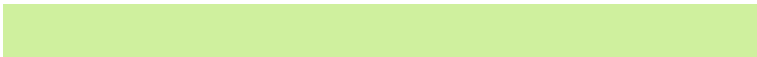
177.2150, -6.6540, 32.4980

Split Complementary

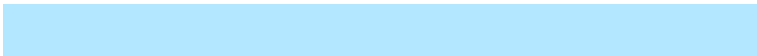
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 14.5750, 27.7190



220.7850, 6.6540, -32.4980



218.1880, -38.6960, -3.5600

Square

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



220.7850, 6.6540, -32.4980



197.6470, -107.0970, -35.9690



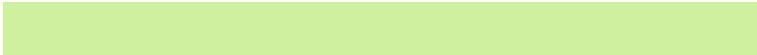
227.9210, 2.3810, 17.4290



215.2080, 37.6410, 6.1610

Rectangle

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



220.7850, 6.6540, -32.4980



208.6670, -66.2910, -37.6110



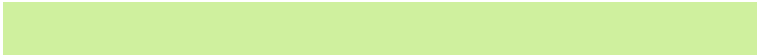
227.9210, 2.3810, 17.4290



219.1300, 21.0860, 25.3580

Sweetspot

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



220.7850, 6.6540, -32.4980



249.1600, 2.0650, -9.8950



201.8890, 39.7970, 0.1250



124.0830, 0.9640, -6.4600



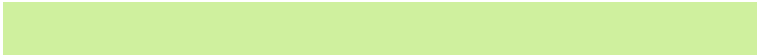
0.0000, 0.0000, 0.0000



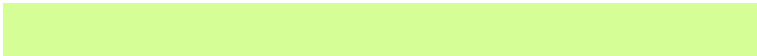
128.0000, -0.0000, -0.0000

Same Dimension

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



220.7850, 6.6540, -32.4980



230.4720, 8.6730, -41.5590



208.5260, -17.7820, -41.1900



117.1370, 0.8720, -4.7920



140.8980, 14.9600, -72.9120



42.7390, 4.2680, -22.2920

Inverse Universe

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



177.2150, -6.6540, 32.4980



174.8270, -8.0770, 41.7710



189.4740, 17.7820, 41.1900



110.8630, -0.8720, 4.7920



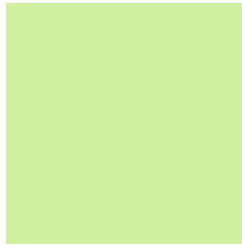
43.1020, -14.9600, 72.9120



13.2610, -4.2680, 22.2920

Previews

White Background



This preview shows how the YIQ color 220.7850, 6.6540, -32.4980 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 220.7850, 6.6540, -32.4980 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 220.7850, 6.6540, -32.4980

Background



This preview shows how black text looks on a background with the YIQ color 220.7850, 6.6540, -32.4980.



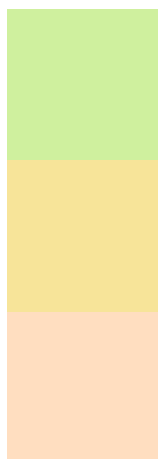
This preview shows how white text looks on a background with the YIQ color 220.7850, 6.6540, -32.4980.

-32.4980.

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

220.7850, 6.6540, -32.4980

Protanopia

225.1310, 35.3990, -19.2970

Deuteranopia

228.4470, 29.2980, -2.3340



Tritanopia

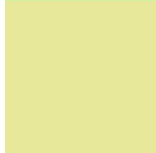
228.0620, -11.7380, 3.4780

Trichromacy



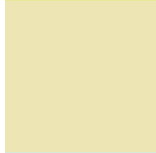
Original Color

220.7850, 6.6540, -32.4980



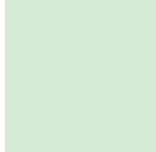
Protanomaly

223.2220, 24.7170, -23.9470



Deuteranomaly

226.1050, 21.0930, -13.3310



Tritanomaly

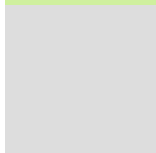
225.5660, -4.9500, -9.4140

Monochromacy



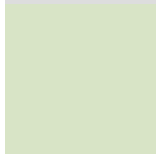
Original Color

220.7850, 6.6540, -32.4980



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9920, 2.4780, -11.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.7850, 6.6540, -32.4980 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(207, 240, 158)` looks like.

```
.text, #text, p{  
    color:rgb(207, 240, 158)  
}
```

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(207, 240, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 240, 158) }
```

Border

The CSS property to change the border of an element to YIQ 220.7850, 6.6540, -32.4980 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(207, 240, 158) }
```


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

```
.border{ border-color:rgb(207, 240, 158) }
```

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

Here you see how a box with a 4 pixel rgb(207, 240, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 240, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 240, 158);  
box-shadow:4px 4px 4px 4px rgb(207, 240,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 220.7850, 6.6540, -32.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 240, 158) }
```

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

```
.background{ background-color: rgb(207,  
240, 158) }
```

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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