

Converting Colors

YIQ(234.5700, 6.4220, -17.2740)

Have a look what the booklet for
YIQ(234.5700, 6.4220, -17.2740)
contains.

YIQ(234.5700, 6.4220, -17.2740)	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(234.5700, 6.4220,
-17.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F4C6
RGB	230, 244, 198
RGB Percent	90%, 96%, 78%
CMY	0.0981, 0.0431, 0.2235
CMYK	0.06, 0.00, 0.19, 0.04
HSL	78°, 68%, 87%
HSV	78°, 19%, 96%
XYZ	75.1753, 85.6032, 65.9964
YIQ	234.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

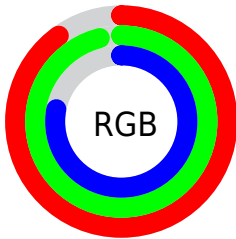
Format	Color
R _Y B	198, 244, 212
Decimal	15135942
CIE Lab	94.14, -12.35, 20.64
CIE LCh	94, 24.057, 120.900
Yxy	85.6032, 0.3315, 0.3775
Android (android.graphics.Color)	4293326022 (0xFFE6F4C6)
YUV	234.5700, -18.0290, -4.0079
Hunter-Lab	92.5220, -16.8799, 22.4735

Details

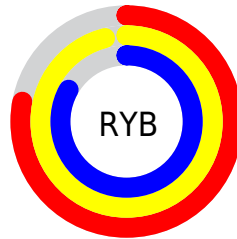
The YIQ color $234.5700, 6.4220, -17.2740$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $207.4300, -6.4220, 17.2740$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.7980, 5.7800, -16.6520$ is the 20% darker color. If you saturate the color by 10%, you get $229.7410, 9.9540, -26.2220$, and if you desaturate by 10%, it is $239.3990, 2.8900, -8.3260$.

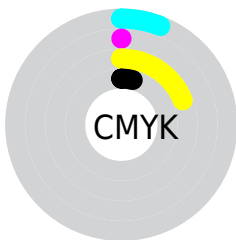
Distribution



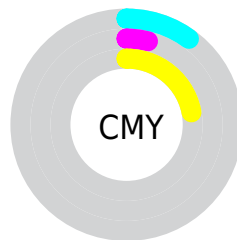
- Red (90%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.5700, 6.4220, -17.2740 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 234.5700, 6.4220, -17.2740 by changing the saturation by 10% instead.

■ 234.5700, 6.4220,
-17.2740

■ 234.5700, 6.4220,
-17.2740

255.0000, -0.0000,
-0.0000

■ 206.6840, 6.1010,
-16.9630

■ 178.7980, 5.7800,
-16.6520

■ 151.9120, 5.4590,
-16.3410

■ 126.0260, 5.1380,
-16.0300

■ 100.5530, 5.0920,
-15.1960

■ 76.7810, 4.4500,
-14.5740

■ 53.8950, 4.1290,

-14.2630

■ 31.8520, 5.6880,
-14.9840

■ 12.3270, -5.7750,
-10.9830

■ 234.5700, 6.4220,
-17.2740

■ 234.5700, 6.4220,
-17.2740

■ 229.7410, 9.9540,
-26.2220

■ 239.3990, 2.8900,
-8.3260

■ 224.4990, 13.2110,
-35.6930

■ 244.6410, -0.3670,
1.1450

■ 219.6700, 16.7430,
-44.6410

■ 247.6460, 1.2370,
5.1170

■ 214.4280, 20.0000,
-54.1120

■ 248.5430, 3.0250,
5.7530

■ 209.5990, 23.5320,
-63.0600

■ 204.4710, 26.4680,
-72.2200

■ 199.5280, 30.3210,
-81.4790

■ 194.4000, 33.2570,
-90.6390

■ 194.0580, 34.2200,
-91.5720

Harmonies

Analogous

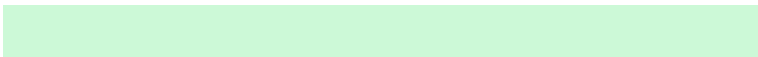
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2520, 25.1730, -10.1790



234.5700, 6.4220, -17.2740



231.6690, -15.9060, -20.1140

Triad

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



234.5700, 6.4220, -17.2740



229.6730, -38.9240, -10.4440



233.6910, 14.5320, 11.9720

Complementary

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



234.5700, 6.4220, -17.2740



207.4300, -6.4220, 17.2740

Split Complementary

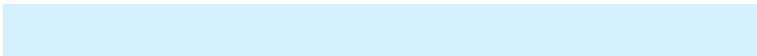
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.2500, 15.6900



234.5700, 6.4220, -17.2740



233.6370, -20.9070, -1.0590

Square

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



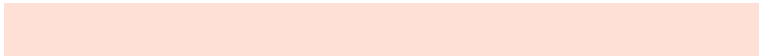
234.5700, 6.4220, -17.2740



228.7320, -46.5800, -14.8680



237.9110, -0.8270, 9.4850



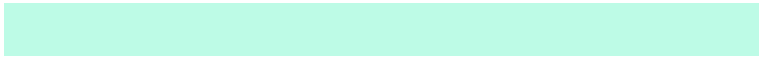
232.2430, 21.3650, 3.7730

Rectangle

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



234.5700, 6.4220, -17.2740



230.0680, -30.2110, -19.6750



237.9110, -0.8270, 9.4850



234.6030, 11.9640, 14.4600

Sweetspot

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



234.5700, 6.4220, -17.2740



251.7950, 1.8350, -5.7250



219.9720, 23.5660, 2.4300



126.0770, 1.1010, -3.4350



0.0000, 0.0000, 0.0000



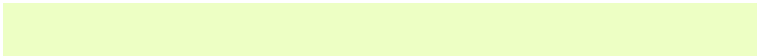
128.0000, -0.0000, -0.0000

Same Dimension

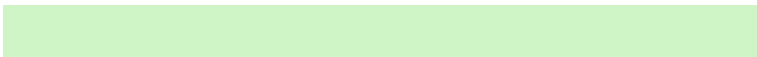
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.5700, 6.4220, -17.2740



242.8920, 8.2110, -22.1650



227.6930, -7.2860, -22.1500



119.7350, 2.0640, -4.3680



147.7530, 25.7340, -69.9300



46.8920, 8.2110, -22.1650

Inverse Universe

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



207.4300, -6.4220, 17.2740



208.1080, -8.2110, 22.1650



214.3070, 7.2860, 22.1500



112.5640, -1.4680, 4.5800



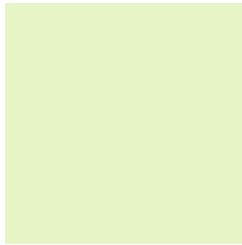
38.2470, -25.7340, 69.9300



12.1080, -8.2110, 22.1650

Previews

White Background



This preview shows how the YIQ color 234.5700, 6.4220, -17.2740 looks on a white background.

Color Contrast Check

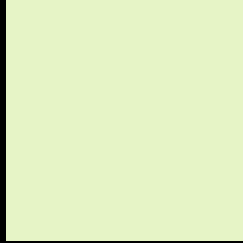
Large Text (above 18pt) WCAG AA × Fail

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 234.5700, 6.4220, -17.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

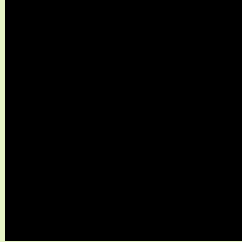
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

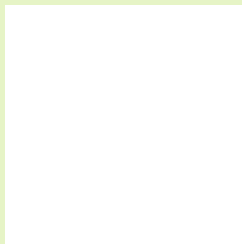
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 234.5700, 6.4220, -17.2740

Background



This preview shows how black text looks on a background with the YIQ color 234.5700, 6.4220, -17.2740.



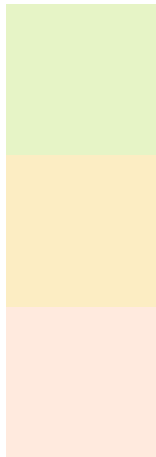
This preview shows how white text looks on a background with the YIQ color 234.5700, 6.4220, -17.2740.

-17.2740.

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

234.5700, 6.4220, -17.2740

Protanopia

236.6970, 22.4220, -9.8820

Deuteranopia

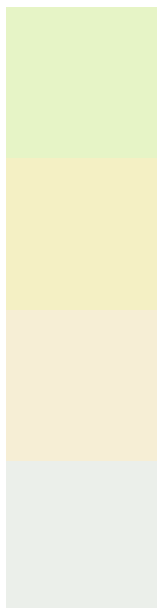
238.9110, 16.3680, 0.7200



Tritanopia

238.7640, -4.9070, 6.3330

Trichromacy



Original Color

234.5700, 6.4220, -17.2740

Protanomaly

236.1800, 16.5080, -12.8360

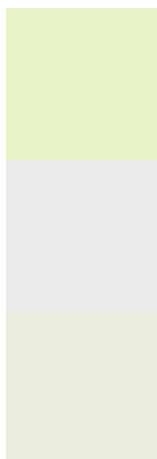
Deuteranomaly

237.5420, 12.7930, -6.0790

Tritanomaly

237.2340, -0.7790, -2.4030

Monochromacy



Original Color

234.5700, 6.4220, -17.2740

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.6810, 2.1560, -6.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.5700, 6.4220, -17.2740 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(230, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 198)  
}
```

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(230, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 198) }
```

Border

The CSS property to change the border of an element to YIQ 234.5700, 6.4220, -17.2740 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(230, 244, 198) }
```


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

```
.border{ border-color:rgb(230, 244, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 244, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 234.5700, 6.4220, -17.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 198) }
```

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

```
.background{ background-color: rgb(230,  
244, 198) }
```

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