

Converting Colors

YIQ(234.5280, 24.5760, -4.8640)

Have a look what the booklet for
YIQ(234.5280, 24.5760, -4.8640)
contains.

YIQ(234.5280, 24.5760, -4.8640)	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(234.5280, 24.5760,
-4.8640)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFE7C7
RGB	255, 231, 199
RGB Percent	100%, 91%, 78%
CMY	0.0000, 0.0941, 0.2195
CMYK	0.00, 0.09, 0.22, 0.00
HSL	34°, 100%, 89%
HSV	34°, 22%, 100%
XYZ	80.1255, 82.5311, 65.7589
YIQ	234.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

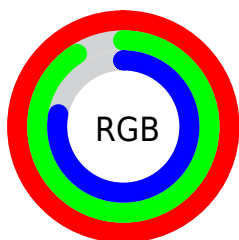
Format	Color
RYB	241, 255, 199
Decimal	16771015
CIELab	92.81, 3.33, 18.55
CIELCh	93, 18.843, 79.825
Yxy	82.5311, 0.3508, 0.3613
Android (android.graphics.Color)	4294961095 (0xFFFFE7C7)
YUV	234.5280, -17.5153, 17.9539
Hunter-Lab	90.8466, -1.5470, 20.6759

Details

The YIQ color $234.5280, 24.5760, -4.8640$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $219.4720, -24.5760, 4.8640$, 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 $179.0440, 23.0630, -4.9770$ is the 20% darker color. If you saturate the color by 10%, you get $225.2210, 35.6260, -6.8860$, and if you desaturate by 10%, it is $243.9490, 13.2050, -2.5310$.

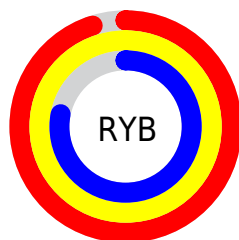
Distribution



Red (100%)

Green (91%)

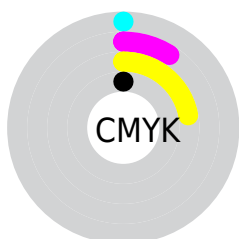
Blue (78%)



Red (95%)

Yellow (100%)

Blue (78%)

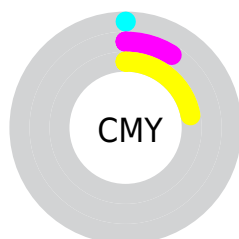


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (9%)


Yellow (22%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 234.5280, 24.5760, -4.8640 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 234.5280, 24.5760, -4.8640 by changing the saturation by 10% instead.


 234.5280, 24.5760,
-4.8640


 234.5280, 24.5760,
-4.8640


255.0000, -0.0000,
-0.0000


 206.3430, 23.6590,
-4.7650

 178.4570, 23.3380,
-4.4540

 151.8590, 22.1460,
-4.8780

 125.6740, 21.2290,
-4.7790

 100.6030, 19.9910,
-4.3690

 77.0050, 18.7990,
-4.7930

 53.9340, 17.5610,

-4.3830

■ 31.7660, 17.9740,
-6.3620

■ 10.3880, 10.5910,
0.7910

■ 234.5280, 24.5760,
-4.8640

■ 234.5280, 24.5760,
-4.8640

■ 225.2210, 35.6260,
-6.8860

■ 243.9490, 13.2050,
-2.5310

■ 215.8000, 46.9970,
-9.2190

■ 253.2560, 2.1550,
-0.5090

■ 206.4930, 58.0470,
-11.2410

255.0000, -0.0000,
-0.0000

■ 197.0720, 69.4180,
-13.5740

■ 187.7650, 80.4680,
-15.5960

■ 178.3440, 91.8390,
-17.9290

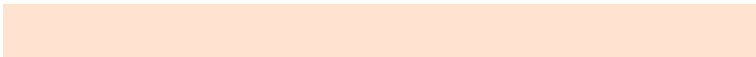
■ 169.0370,
102.8890, -19.9510

■ 161.9470,
111.8300, -22.2980

Harmonies

Analogous

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



232.5050, 23.3830, 0.2390



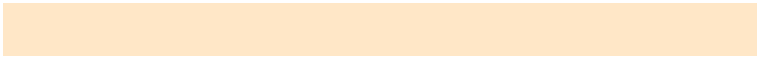
234.5280, 24.5760, -4.8640



232.4830, 11.2810, -11.7190

Triad

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



234.5280, 24.5760, -4.8640



228.0710, -34.2930, -11.7730



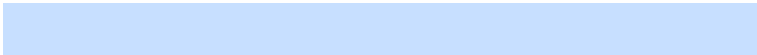
237.0800, 6.1870, 14.5310

Complementary

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



234.5280, 24.5760, -4.8640



219.4720, -24.5760, 4.8640

Split Complementary

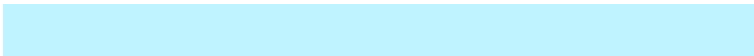
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.0240, -8.5750, 6.7290



234.5280, 24.5760, -4.8640



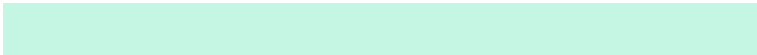
228.8200, -34.8440, -7.2920

Square

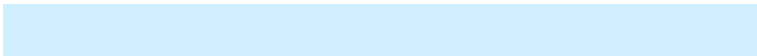
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.5280, 24.5760, -4.8640



228.5960, -22.8300, -15.7740



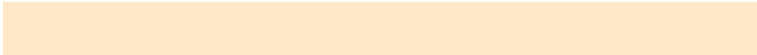
230.6690, -23.9330, -1.2850



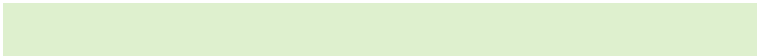
234.0330, 13.5690, 12.9050

Rectangle

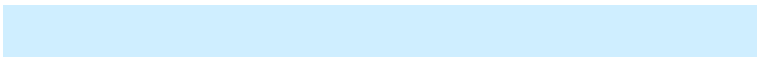
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.5280, 24.5760, -4.8640



230.7420, 0.1860, -14.3900



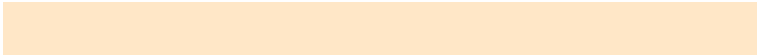
230.6690, -23.9330, -1.2850



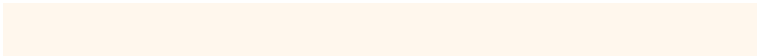
236.1610, 1.4650, 12.0010

Sweetspot

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



234.5280, 24.5760, -4.8640



248.2520, 7.9780, -1.4140



218.4800, 25.6720, 19.3360



123.8110, 4.9060, -0.8060



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.



234.5280, 24.5760, -4.8640



231.0400, 28.8860, -5.8820



247.4200, 15.5920, -18.2640



122.9960, 5.8230, -0.9050



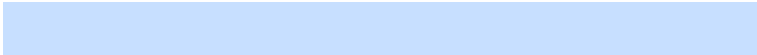
121.0920, 83.8610, -16.5150



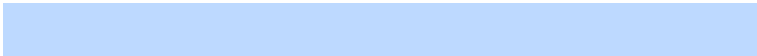
40.2680, 28.2440, -5.2600

Inverse Universe

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



219.4720, -24.5760, 4.8640



212.9600, -28.8860, 5.8820



206.5800, -15.5920, 18.2640



119.4170, -5.5480, 1.4280



69.9080, -83.8610, 16.5150



23.1450, -27.9690, 5.7830

Previews

White Background



This preview shows how the YIQ color 234.5280, 24.5760, -4.8640 looks on a white background.

Color Contrast Check

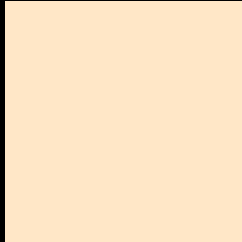
Large Text (above 18pt) WCAG AA × Fail

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 234.5280, 24.5760, -4.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

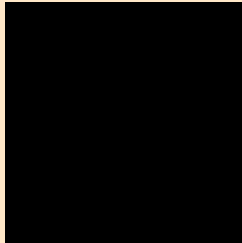
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 234.5280, 24.5760, -4.8640

Background



This preview shows how black text looks on a background with the YIQ color 234.5280, 24.5760, -4.8640.



This preview shows how white text looks on a background with the YIQ color 234.5280, 24.5760,

-4.8640.

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

234.5280, 24.5760, -4.8640

Protanopia

233.7120, 18.0660, -8.0300

Deuteranopia

235.8790, 19.3940, 0.9460



Tritanopia

236.9680, 12.1940, 10.2900

Trichromacy

	Original Color 234.5280, 24.5760, -4.8640
	Protanomaly 234.0220, 20.1290, -6.8710
	Deuteranomaly 235.1950, 21.3200, -0.9200
	Tritanomaly 235.8450, 16.7340, 5.1020

Monochromacy

	Original Color 234.5280, 24.5760, -4.8640
	Achromatopsia 235.0000, 0.0000, -0.0000
	Achromatomaly 235.0240, 8.6200, -2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.5280, 24.5760, -4.8640 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, 231, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 199)  
}
```

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, 231, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 199) }
```

Border

The CSS property to change the border of an element to YIQ 234.5280, 24.5760, -4.8640 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, 231, 199) }
```


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

```
.border{ border-color:rgb(255, 231, 199) }
```

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

Here you see how a box with a 4 pixel rgb(255, 231, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 234.5280, 24.5760, -4.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 199) }
```

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

```
.background{ background-color: rgb(255,  
231, 199) }
```

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