

Converting Colors

YIQ(224.4340, 30.1720,
-18.1800)

Have a look what the booklet for
YIQ(224.4340, 30.1720, -18.1800)
contains.

YIQ(224.4340, 30.1720, -18.1800)	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(224.4340, 30.1720,
-18.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E4A0
RGB	242, 228, 160
RGB Percent	95%, 89%, 63%
CMY	0.0510, 0.1059, 0.3724
CMYK	0.00, 0.06, 0.34, 0.05
HSL	50°, 76%, 79%
HSV	50°, 34%, 95%
XYZ	70.7079, 76.8999, 44.3943
YIQ	224.4340, 30.1720, -18.1800

Conversions

Conversions Part 2

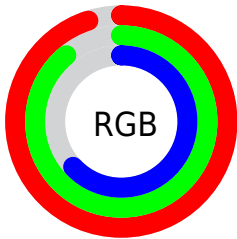
Format	Color
RYB	177, 242, 160
Decimal	15918240
CIELab	90.28, -5.03, 34.93
CIElCh	90, 35.291, 98.200
Yxy	76.8999, 0.3683, 0.4005
Android (android.graphics.Color)	4294108320 (0xFFFF2E4A0)
YUV	224.4340, -31.7660, 15.4054
Hunter-Lab	87.6926, -9.5347, 31.3693

Details

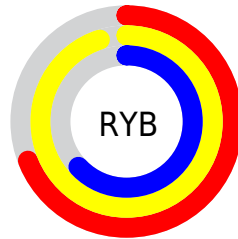
The YIQ color **224.4340, 30.1720, -18.1800** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177.5660, -30.1720, 18.1800**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.4400, 12.8400, -12.4400**, and **169.1780, 28.0170, -17.6710** is the 20% darker color. If you saturate the color by 10%, you get **219.3500, 38.9760, -23.5520**, and if you desaturate by 10%, it is **229.5180, 21.3680, -12.8080**.

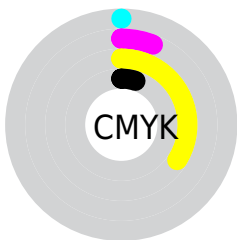
Distribution



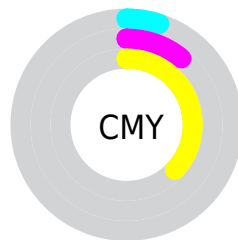
- Red (95%)
- Green (89%)
- Blue (63%)



- Red (69%)
- Yellow (95%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4340, 30.1720, -18.1800 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 224.4340, 30.1720, -18.1800 by changing the saturation by 10% instead.

■ 224.4340, 30.1720,
-18.1800

■ 224.4340, 30.1720,
-18.1800

■ 255.0000, -0.0000,
-0.0000

■ 196.2490, 29.2550,
-18.0810

■ 250.4400, 12.8400,
-12.4400

■ 169.1780, 28.0170,
-17.6710

■ 253.7460, 3.5310,
-3.4210

■ 142.1070, 26.7790,
-17.2610

■ 116.6230, 25.2660,
-17.3740

■ 91.4380, 24.3490,
-17.2750

■ 67.0250, 24.0740,
-17.7980

■ 45.7950, 19.0300,

-14.4900

■ 26.2920, 10.5010,
-8.5950

■ 1.1740, -0.5500,
-1.0460

■ 224.4340, 30.1720,
-18.1800

■ 224.4340, 30.1720,
-18.1800

■ 219.3500, 38.9760,
-23.5520

■ 229.5180, 21.3680,
-12.8080

■ 214.2660, 47.7800,
-28.9240

■ 234.6020, 12.5640,
-7.4360

■ 209.0680, 56.9050,
-34.6070

■ 239.8000, 3.4390,
-1.7530

■ 203.3970, 65.9840,
-39.4560

■ 245.2430, -4.9980,
2.4740

■ 198.3130, 74.7880,
-44.8280

■ 247.5910, -6.0980,
0.3820

■ 193.2290, 83.5920,
-50.2000

■ 249.9390, -7.1980,
-1.7100

■ 190.3450, 88.9570,
-53.8190

■ 251.1130, -7.7480,
-2.7560

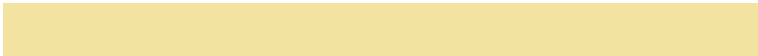
Harmonies

Analogous

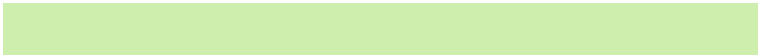
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4340, 39.3400, -8.1160



224.4340, 30.1720, -18.1800



220.7230, 1.1970, -27.2110

Triad

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



224.4340, 30.1720, -18.1800



209.0750, -75.6470, -22.2310



226.0090, 14.1170, 25.0050

Complementary

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



224.4340, 30.1720, -18.1800



177.5660, -30.1720, 18.1800

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.



228.2310, 4.4440, 18.5880



224.4340, 30.1720, -18.1800



213.0390, -57.6300, -12.8460

Square

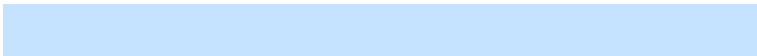
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.4340, 30.1720, -18.1800



210.7740, -64.7340, -27.2780



221.2220, -26.8680, 2.3480



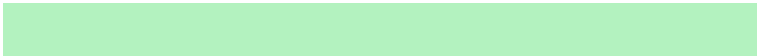
219.7850, 26.1310, 16.5230

Rectangle

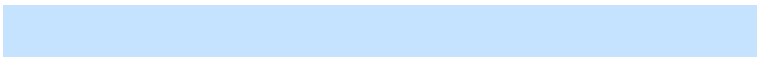
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.4340, 30.1720, -18.1800



217.3490, -21.1770, -29.2170



221.2220, -26.8680, 2.3480



227.4110, 12.9250, 24.5810

Sweetspot

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



224.4340, 30.1720, -18.1800



249.8020, 9.1250, -5.6830



186.2280, 44.0570, 22.0490



124.4150, 5.9610, -3.4070



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.



224.4340, 30.1720, -18.1800



232.4640, 38.6550, -23.2410



224.8780, 10.8260, -31.0140



117.4580, 4.4020, -2.6860



144.2400, 67.8640, -40.4880



44.3330, 20.4510, -12.7090

Inverse Universe

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



177.5660, -30.1720, 18.1800



172.5360, -38.6550, 23.2410



177.1220, -10.8260, 31.0140



110.5420, -4.4020, 2.6860



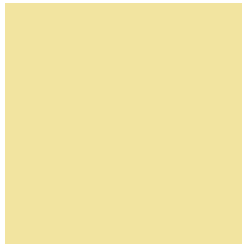
39.1730, -67.5890, 41.0110



12.2540, -20.7260, 12.1860

Previews

White Background



This preview shows how the YIQ color 224.4340, 30.1720, -18.1800 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 224.4340, 30.1720, -18.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

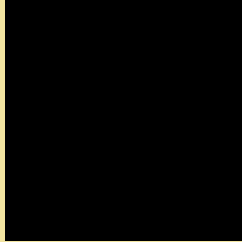
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.4340, 30.1720, -18.1800

Background



This preview shows how black text looks on a background with the YIQ color 224.4340, 30.1720, -18.1800.



This preview shows how white text looks on a background with the YIQ color 224.4340, 30.1720, -18.1800.

-18.1800.

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

224.4340, 30.1720, -18.1800

Protanopia

224.7440, 32.2350, -17.0210

Deuteranopia

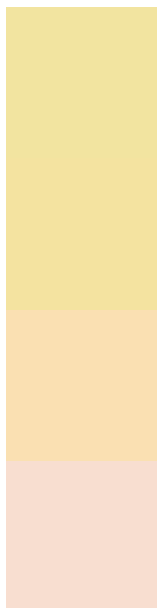
227.5180, 30.5360, -2.7440



Tritanopia

229.8050, 14.2110, 12.2830

Trichromacy



Original Color

224.4340, 30.1720, -18.1800

Protanomaly

224.4450, 31.6390, -17.2330

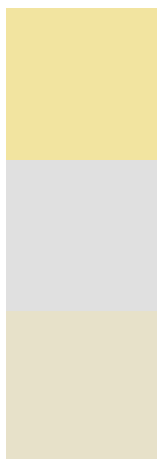
Deuteranomaly

226.5300, 30.2620, -8.7940

Tritanomaly

228.1780, 19.9900, 1.1580

Monochromacy



Original Color

224.4340, 30.1720, -18.1800

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0580, 11.2800, -6.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4340, 30.1720, -18.1800 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(242, 228, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 160)  
}
```

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(242, 228, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 160) }
```

Border

The CSS property to change the border of an element to YIQ 224.4340, 30.1720, -18.1800 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(242, 228, 160) }
```


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

```
.border{ border-color:rgb(242, 228, 160) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4340, 30.1720, -18.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 160) }
```

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

```
.background{ background-color: rgb(242,  
228, 160) }
```

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