

Converting Colors

YIQ(224.9860, 54.2000,
-35.1440)

Have a look what the booklet for
YIQ(224.9860, 54.2000, -35.1440)
contains.

YIQ(224.9860, 54.2000, -35.1440)	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(224.9860, 54.2000,
-35.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE969
RGB	255, 233, 105
RGB Percent	100%, 91%, 41%
CMY	0.0000, 0.0863, 0.5879
CMYK	0.00, 0.09, 0.59, 0.00
HSL	51°, 100%, 71%
HSV	51°, 59%, 100%
XYZ	72.9276, 80.5526, 25.0907
YIQ	224.9860, 54.2000, -35.1440

Conversions

Conversions Part 2

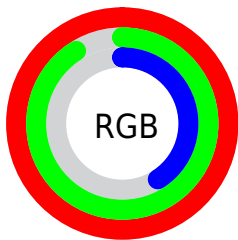
Format	Color
R _Y B	131, 255, 105
Decimal	16771433
CIE Lab	91.93, -7.48, 63.47
CIE LCh	92, 63.913, 96.724
Yxy	80.5526, 0.4084, 0.4511
Android (android.graphics.Color)	4294961513 (0xFFFFE969)
YUV	224.9860, -59.1531, 26.3223
Hunter-Lab	89.7511, -12.0237, 46.2507

Details

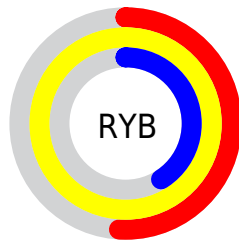
The YIQ color **224.9860, 54.2000, -35.1440** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **135.0140, -54.2000, 35.1440**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.1700, 30.4950, -29.5450**, and **168.3770, 51.5410, -36.5150** is the 20% darker color. If you saturate the color by 10%, you get **219.7880, 63.3250, -40.8270**, and if you desaturate by 10%, it is **230.2980, 44.7540, -29.1500**.

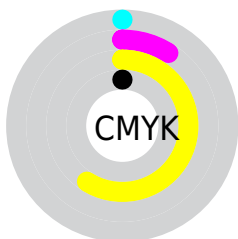
Distribution



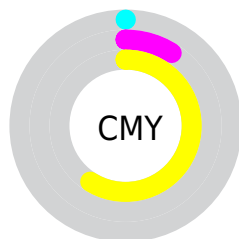
- Red (100%)
- Green (91%)
- Blue (41%)



- Red (51%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.9860, 54.2000, -35.1440 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 224.9860, 54.2000, -35.1440 by changing the saturation by 10% instead.

224.9860, 54.2000,
-35.1440

224.9860, 54.2000,
-35.1440

255.0000, -0.0000,
-0.0000

196.5020, 52.6870,
-35.2570

244.1700, 30.4950,
-29.5450

168.4910, 51.2200,
-36.2040

247.3620, 21.5070,
-20.8370

139.8670, 52.9170,
-39.4270

250.6680, 12.1980,
-11.8180

114.6370, 47.8730,
-36.1190

253.9740, 2.8890,
-2.7990

92.1770, 37.7850,
-29.5030

70.0160, 28.2930,
-22.6750

49.0290, 18.2510,

-16.8930

■ 28.6400, 9.4010,
-10.6870

■ 7.0440, -3.3000,
-6.2760

■ 224.9860, 54.2000,
-35.1440

■ 224.9860, 54.2000,
-35.1440

■ 219.7880, 63.3250,
-40.8270

■ 230.2980, 44.7540,
-29.1500

■ 215.0630, 72.4960,
-47.3440

■ 234.9090, 35.9040,
-22.9440

■ 209.8650, 81.6210,
-53.0270

■ 240.2210, 26.4580,
-16.9500

■ 204.5530, 91.0670,
-59.0210

■ 245.4190, 17.3330,
-11.2670

■ 204.2110, 92.0300,
-59.9540

■ 250.7310, 7.8870,
-5.2730

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

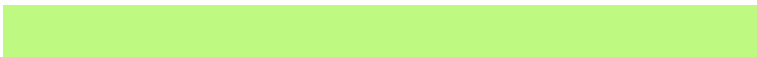
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.6680, 55.7560, -19.2840



224.9860, 54.2000, -35.1440



217.7930, 3.0350, -49.5170

Triad

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



224.9860, 54.2000, -35.1440



178.7550, -151.9800, -54.0600



215.6710, 18.4250, 35.0410

Complementary

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



224.9860, 54.2000, -35.1440



135.0140, -54.2000, 35.1440

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.



228.5850, 12.3750, 23.5350



224.9860, 54.2000, -35.1440



176.4070, -150.8800, -51.9680

Square

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



224.9860, 54.2000, -35.1440



177.5010, -148.4490, -57.4810



211.5770, -56.2090, -11.0650



206.9850, 31.8600, 28.3400

Rectangle

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



224.9860, 54.2000, -35.1440



209.1160, -40.4750, -53.9390



211.5770, -56.2090, -11.0650



219.7800, 16.5000, 31.3800

Sweetspot

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



224.9860, 54.2000, -35.1440



245.6470, 16.6910, -10.6450



152.4720, 82.0170, 38.9530



121.7590, 10.6840, -6.4040



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.



224.9860, 54.2000, -35.1440



218.5170, 65.5260, -42.1700



222.3520, 17.1580, -57.6740



125.3440, 4.7230, -2.9970



152.7900, 69.0110, -44.7570



50.8340, 23.2940, -14.6740

Inverse Universe

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



135.0140, -54.2000, 35.1440



110.4830, -65.5260, 42.1700



137.9470, -16.5620, 57.8860



117.6560, -4.7230, 2.9970



38.2100, -69.0110, 44.7570



12.5790, -23.0190, 15.1970

Previews

White Background



This preview shows how the YIQ color 224.9860, 54.2000, -35.1440 looks on a white background.

Color Contrast Check

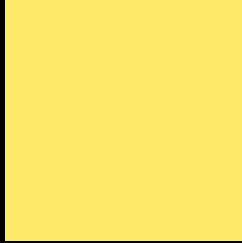
Large Text (above 18pt) WCAG AA × Fail

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 224.9860, 54.2000, -35.1440 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 224.9860, 54.2000, -35.1440

Background



This preview shows how black text looks on a background with the YIQ color 224.9860, 54.2000, -35.1440.



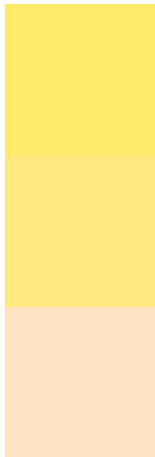
This preview shows how white text looks on a background with the YIQ color 224.9860, 54.2000, -35.1440.

-35.1440.

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

224.9860, 54.2000, -35.1440

Protanopia

226.6790, 48.0550, -28.4010

Deuteranopia

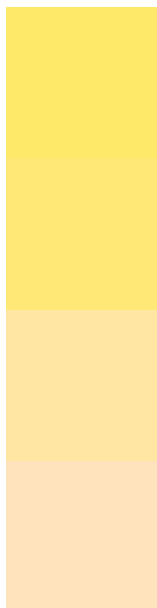
232.3110, 26.6850, -4.5390



Tritanopia

234.5230, 14.9450, 9.9930

Trichromacy



Original Color

224.9860, 54.2000, -35.1440

Protanomaly

225.8810, 50.3020, -30.5780

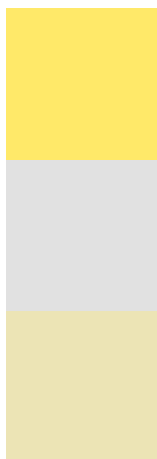
Deuteranomaly

229.7230, 36.7280, -15.8480

Tritanomaly

230.9260, 29.2070, -6.1930

Monochromacy



Original Color

224.9860, 54.2000, -35.1440

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.0340, 19.8550, -12.9210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.9860, 54.2000, -35.1440 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, 233, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 105)  
}
```

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, 233, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 105) }
```

Border

The CSS property to change the border of an element to YIQ 224.9860, 54.2000, -35.1440 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, 233, 105) }
```


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

```
.border{ border-color:rgb(255, 233, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 224.9860, 54.2000, -35.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 105) }
```

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

```
.background{ background-color: rgb(255,  
233, 105) }
```

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