

Converting Colors

YIQ(227.4600, 35.3100,
-34.2100)

Have a look what the booklet for
YIQ(227.4600, 35.3100, -34.2100)
contains.

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Color

**YIQ(227.4600, 35.3100,
-34.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F082
RGB	240, 240, 130
RGB Percent	94%, 94%, 51%
CMY	0.0589, 0.0588, 0.4900
CMYK	0.00, 0.00, 0.46, 0.06
HSL	60°, 79%, 73%
HSV	60°, 46%, 94%
XYZ	71.1224, 82.4555, 33.3063
YIQ	227.4600, 35.3100, -34.2100

Conversions

Conversions Part 2

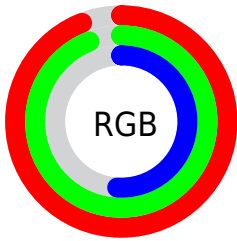
Format	Color
RYB	130, 240, 130
Decimal	15790210
CIELab	92.78, -14.93, 52.79
CIElCh	93, 54.856, 105.789
Yxy	82.4555, 0.3806, 0.4412
Android (android.graphics.Color)	4293980290 (0xFFFF0F082)
YUV	227.4600, -48.0478, 10.9976
Hunter-Lab	90.8050, -19.0998, 41.8166

Details

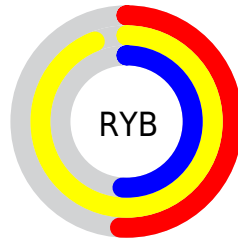
The YIQ color $227.4600, 35.3100, -34.2100$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $142.5400, -35.3100, 34.2100$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0200, 22.4700, -21.7700$, and $171.2040, 33.1550, -33.7010$ is the 20% darker color. If you saturate the color by 10%, you get $224.7240, 43.0140, -41.6740$, and if you desaturate by 10%, it is $230.1960, 27.6060, -26.7460$.

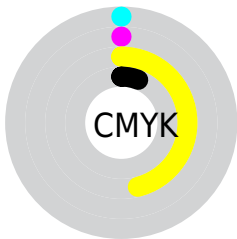
Distribution



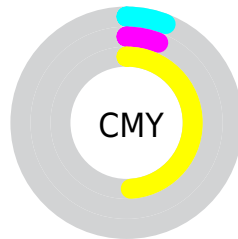
- Red (94%)
- Green (94%)
- Blue (51%)



- Red (51%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.4600, 35.3100, -34.2100 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 227.4600, 35.3100, -34.2100 by changing the saturation by 10% instead.

227.4600, 35.3100,
-34.2100

227.4600, 35.3100,
-34.2100

255.0000, -0.0000,
-0.0000

199.2750, 34.3930,
-34.1110

247.0200, 22.4700,
-21.7700

171.2040, 33.1550,
-33.7010

250.2120, 13.4820,
-13.0620

144.0190, 32.2380,
-33.6020

253.5180, 4.1730,
-4.0430

117.0790, 32.0090,
-34.9590

92.1220, 30.4500,
-34.2380

70.2600, 21.5540,
-27.1980

48.9850, 12.3830,

-20.6810

■ 29.1830, 3.2580,
-14.9980

■ 9.9790, -4.6750,
-8.8910

■ 227.4600, 35.3100,
-34.2100

■ 227.4600, 35.3100,
-34.2100

■ 224.7240, 43.0140,
-41.6740

■ 230.1960, 27.6060,
-26.7460

■ 221.9880, 50.7180,
-49.1380

■ 232.9320, 19.9020,
-19.2820

■ 219.2520, 58.4220,
-56.6020

■ 235.6680, 12.1980,
-11.8180

■ 216.5160, 66.1260,
-64.0660

■ 238.4040, 4.4940,
-4.3540

■ 213.7800, 73.8300,
-71.5300

■ 241.1400, -3.2100,
3.1100

■ 212.6400, 77.0400,
-74.6400

■ 241.7100, -4.8150,
4.6650

Harmonies

Analogous

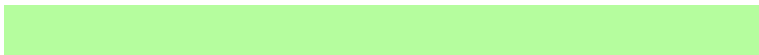
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.4930, 48.8790, -21.3050



227.4600, 35.3100, -34.2100



220.6420, -12.4170, -44.8090

Triad

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



227.4600, 35.3100, -34.2100



178.7550, -151.9800, -54.0600



219.7800, 16.5000, 31.3800

Complementary

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



227.4600, 35.3100, -34.2100



142.5400, -35.3100, 34.2100

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



227.4600, 35.3100, -34.2100



202.1650, -93.7560, -29.9480

Square

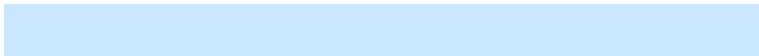
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.4600, 35.3100, -34.2100



178.7550, -151.9800, -54.0600



223.8800, -25.9050, 1.4150



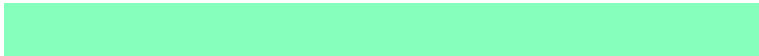
212.6610, 32.4120, 18.3320

Rectangle

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



227.4600, 35.3100, -34.2100



211.2970, -50.9300, -46.1780



223.8800, -25.9050, 1.4150



222.1280, 15.4000, 29.2880

Sweetspot

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



227.4600, 35.3100, -34.2100



250.8960, 11.5560, -11.1960



162.8900, 65.5600, 23.3200



125.1930, 6.4660, -7.0540



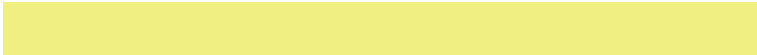
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



227.4600, 35.3100, -34.2100



239.0400, 44.9400, -43.5400



211.0150, 2.5300, -45.8700



118.6320, 3.8520, -3.7320



163.0240, 59.0640, -57.2240



49.6160, 17.9760, -17.4160

Inverse Universe

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



142.5400, -35.3100, 34.2100



130.9600, -44.9400, 43.5400



158.9850, -2.5300, 45.8700



109.3680, -3.8520, 3.7320



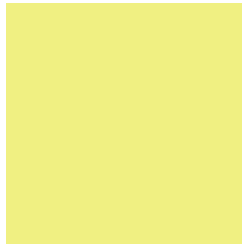
20.9760, -59.0640, 57.2240



6.3840, -17.9760, 17.4160

Previews

White Background



This preview shows how the YIQ color 227.4600, 35.3100, -34.2100 looks on a white background.

Color Contrast Check

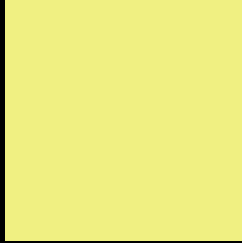
Large Text (above 18pt) WCAG AA × Fail

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 227.4600, 35.3100, -34.2100 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 227.4600, 35.3100, -34.2100

Background



This preview shows how black text looks on a background with the YIQ color 227.4600, 35.3100, -34.2100.



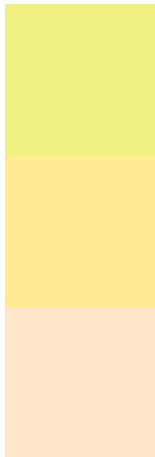
This preview shows how white text looks on a background with the YIQ color 227.4600, 35.3100,

-34.2100.

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

227.4600, 35.3100, -34.2100

Protanopia

230.1330, 41.0850, -23.2270

Deuteranopia

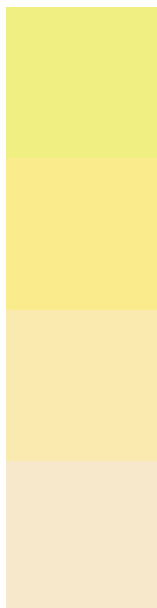
234.3970, 23.5670, -3.0970



Tritanopia

236.5270, 9.1220, 10.8980

Trichromacy



Original Color

227.4600, 35.3100, -34.2100

Protanomaly

229.2420, 39.1600, -26.8880

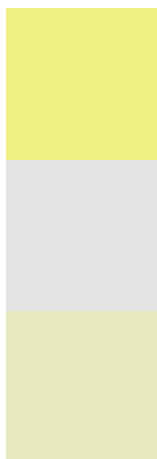
Deuteranomaly

232.1720, 28.1540, -14.6460

Tritanomaly

233.4780, 18.8450, -5.6270

Monochromacy



Original Color

227.4600, 35.3100, -34.2100

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.4400, 12.8400, -12.4400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.4600, 35.3100, -34.2100 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(240, 240, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 130)  
}
```

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(240, 240, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 130) }
```

Border

The CSS property to change the border of an element to YIQ 227.4600, 35.3100, -34.2100 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(240, 240, 130) }
```


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

```
.border{ border-color:rgb(240, 240, 130) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 227.4600, 35.3100, -34.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 130) }
```

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

```
.background{ background-color: rgb(240,  
240, 130) }
```

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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