

Converting Colors

YIQ(230.4960, 34.4880,
-52.3600)

Have a look what the booklet for
YIQ(230.4960, 34.4880, -52.3600)
contains.

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Color

**YIQ(230.4960, 34.4880,
-52.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FF67
RGB	231, 255, 103
RGB Percent	91%, 100%, 40%
CMY	0.0943, 0.0000, 0.5958
CMYK	0.09, 0.00, 0.60, 0.00
HSL	69°, 100%, 70%
HSV	69°, 60%, 100%
XYZ	71.1540, 89.4831, 26.3708
YIQ	230.4960, 34.4880, -52.3600

Conversions

Conversions Part 2

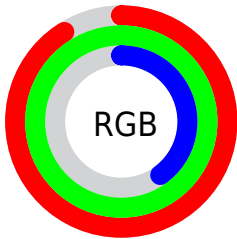
Format	Color
RYB	103, 255, 127
Decimal	15204199
CIELab	95.78, -27.82, 68.06
CIELCh	96, 73.526, 112.231
Yxy	89.4831, 0.3805, 0.4785
Android (android.graphics.Color)	4293394279 (0xFFE7FF67)
YUV	230.4960, -62.8555, 0.4420
Hunter-Lab	94.5955, -31.2759, 49.6883

Details

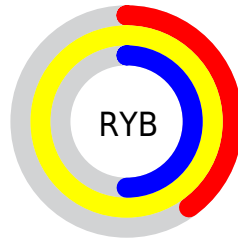
The YIQ color **230.4960, 34.4880, -52.3600** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **127.5040, -34.4880, 52.3600**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.0560, 30.8160, -29.8560**, and **172.6700, 33.9380, -53.4060** is the 20% darker color. If you saturate the color by 10%, you get **226.4500, 40.1290, -60.9830**, and if you desaturate by 10%, it is **234.6560, 28.5260, -43.4260**.

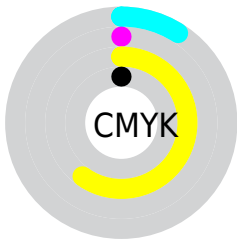
Distribution



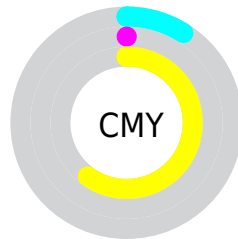
- Red (91%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (50%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.4960, 34.4880, -52.3600 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 230.4960, 34.4880, -52.3600 by changing the saturation by 10% instead.

230.4960, 34.4880,
-52.3600

230.4960, 34.4880,
-52.3600

255.0000, -0.0000,
-0.0000

201.3110, 33.5710,
-52.2610

244.0560, 30.8160,
-29.8560

172.6700, 33.9380,
-53.4060

247.3620, 21.5070,
-20.8370

143.4330, 38.7990,
-58.9050

250.6680, 12.1980,
-11.8180

119.2120, 29.5360,
-50.7200

253.9740, 2.8890,
-2.7990

96.1650, 19.7230,
-43.5810

73.4170, 10.5060,
-36.2300

50.9570, 0.4180,

-29.6140

■ 28.4750, -12.6040,
-24.8920

■ 17.0230, -7.9750,
-15.1670

■ 230.4960, 34.4880,
-52.3600

■ 230.4960, 34.4880,
-52.3600

■ 226.4500, 40.1290,
-60.9830

■ 234.6560, 28.5260,
-43.4260

■ 222.2900, 46.0910,
-69.9170

■ 238.7020, 22.8850,
-34.8030

■ 218.2440, 51.7320,
-78.5400

■ 242.8620, 16.9230,
-25.8690

■ 214.0840, 57.6940,
-87.4740

■ 246.9080, 11.2820,
-17.2460

■ 213.9700, 58.0150,
-87.7850

■ 251.0680, 5.3200,
-8.3120

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

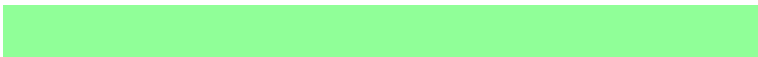
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.8460, 57.4100, -38.2540



230.4960, 34.4880, -52.3600



210.0690, -33.0930, -55.5650

Triad

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



230.4960, 34.4880, -52.3600



178.7550, -151.9800, -54.0600



212.1490, 20.0750, 38.1790

Complementary

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



230.4960, 34.4880, -52.3600



127.5040, -34.4880, 52.3600

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.



224.4760, 14.3000, 27.1960



230.4960, 34.4880, -52.3600



178.7550, -151.9800, -54.0600

Square

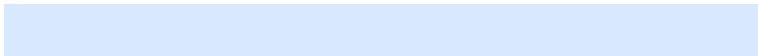
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.4960, 34.4880, -52.3600



178.7550, -151.9800, -54.0600



229.5390, -17.5150, 3.5490



206.2550, 39.4270, 17.8510

Rectangle

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



230.4960, 34.4880, -52.3600



179.9170, -117.8660, -66.5860



229.5390, -17.5150, 3.5490



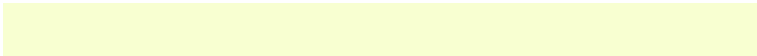
215.0840, 18.7000, 35.5640

Sweetspot

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



230.4960, 34.4880, -52.3600



247.6630, 10.5940, -15.7900



161.9490, 84.2670, 20.1950



123.1990, 6.3290, -10.0790



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.



230.4960, 34.4880, -52.3600



225.6950, 40.8170, -62.4390



208.0710, -10.2120, -68.2600



125.6210, 2.3850, -4.6790



160.2560, 43.4310, -65.7610



53.7140, 14.5840, -22.0240

Inverse Universe

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



127.5040, -34.4880, 52.3600



103.3050, -40.8170, 62.4390



149.9290, 10.2120, 68.2600



117.0800, -2.9810, 4.4670



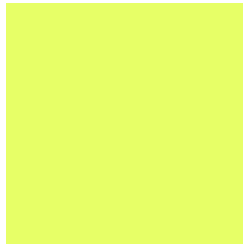
30.7440, -43.4310, 65.7610



10.2860, -14.5840, 22.0240

Previews

White Background



This preview shows how the YIQ color 230.4960, 34.4880, -52.3600 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 230.4960, 34.4880, -52.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

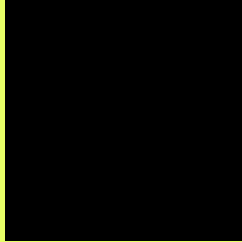
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.4960, 34.4880, -52.3600

Background



This preview shows how black text looks on a background with the YIQ color 230.4960, 34.4880, -52.3600.



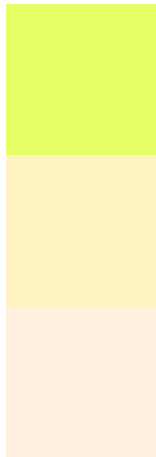
This preview shows how white text looks on a background with the YIQ color 230.4960, 34.4880,

-52.3600.

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

230.4960, 34.4880, -52.3600

Protanopia

241.1160, 22.5600, -12.3840

Deuteranopia

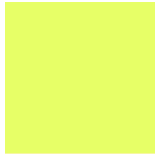
242.6610, 14.0760, -1.7960



Tritanopia

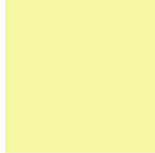
243.8030, -0.6430, 6.1490

Trichromacy



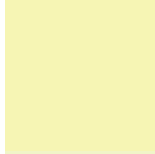
Original Color

230.4960, 34.4880, -52.3600



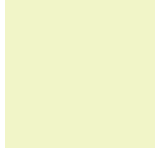
Protanomaly

237.0110, 26.6890, -26.6470



Deuteranomaly

237.8890, 21.4610, -20.0030



Tritanomaly

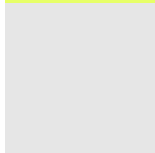
238.6740, 12.0610, -14.8430

Monochromacy



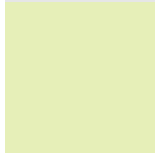
Original Color

230.4960, 34.4880, -52.3600



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

230.0390, 12.2910, -19.0130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.4960, 34.4880, -52.3600 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(231, 255, 103)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 103)  
}
```

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(231, 255, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 103) }
```

Border

The CSS property to change the border of an element to YIQ 230.4960, 34.4880, -52.3600 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(231, 255, 103) }
```


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

```
.border{ border-color:rgb(231, 255, 103) }
```

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

Here you see how a box with a 4 pixel rgb(231, 255, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 103);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 230.4960, 34.4880, -52.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 103) }
```

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

```
.background{ background-color: rgb(231,  
255, 103) }
```

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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