

Converting Colors

YIQ(228.3860, 47.3220,
-31.6380)

Have a look what the booklet for
YIQ(228.3860, 47.3220, -31.6380)
contains.

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Color

**YIQ(228.3860, 47.3220,
-31.6380)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | <code>FEEC7A</code> |
| RGB | 254, 236, 122 |
| RGB Percent | 100%, 93%, 48% |
| CMY | 0.0040, 0.0745, 0.5213 |
| CMYK | 0.00, 0.07, 0.52, 0.00 |
| HSL | 52°, 98%, 74% |
| HSV | 52°, 52%, 100% |
| XYZ | 74.3808, 82.4627, 30.4318 |
| YIQ | 228.3860, 47.3220, -31.6380 |

Conversions

Conversions Part 2

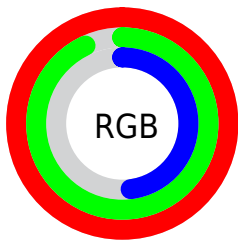
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 143, 254, 122 |
| Decimal | 16706682 |
| CIE Lab | 92.78, -8.11, 56.79 |
| CIE LCh | 93, 57.362, 98.129 |
| Yxy | 82.4627, 0.3972, 0.4403 |
| Android (android.graphics.Color) | 4294896762 (0xFFFEEC7A) |
| YUV | 228.3860, -52.4483, 22.4635 |
| Hunter-Lab | 90.8090, -12.7080, 43.6971 |

Details

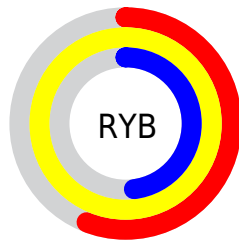
The YIQ color **228.3860, 47.3220, -31.6380** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147.6140, -47.3220, 31.6380**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.1080, 25.0380, -24.2580**, and **171.8310, 44.5710, -31.3410** is the 20% darker color. If you saturate the color by 10%, you get **223.7750, 56.1720, -37.8440**, and if you desaturate by 10%, it is **232.9970, 38.4720, -25.4320**.

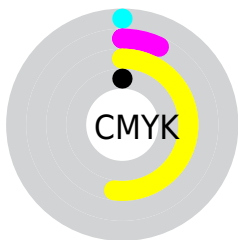
Distribution



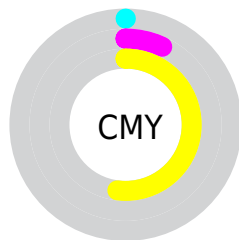
- Red (100%)
- Green (93%)
- Blue (48%)



- Red (56%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.3860, 47.3220, -31.6380 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 228.3860, 47.3220, -31.6380 by changing the saturation by 10% instead.

228.3860, 47.3220,
-31.6380

228.3860, 47.3220,
-31.6380

255.0000, -0.0000,
-0.0000

199.9020, 45.8090,
-31.7510

246.1080, 25.0380,
-24.2580

171.8310, 44.5710,
-31.3410

249.3000, 16.0500,
-15.5500

144.7060, 43.4250,
-32.5990

252.6060, 6.7410,
-6.5310

116.9680, 45.4430,
-36.1330

93.6500, 37.8310,
-30.3370

71.4890, 28.3390,
-23.5090

50.8010, 18.8930,

-17.5150

■ 30.4120, 10.0430,
-11.3090

■ 8.8050, -4.1250,
-7.8450

■ 228.3860, 47.3220,
-31.6380

■ 228.3860, 47.3220,
-31.6380

■ 223.7750, 56.1720,
-37.8440

■ 232.9970, 38.4720,
-25.4320

■ 218.4630, 65.6180,
-43.8380

■ 238.3090, 29.0260,
-19.4380

■ 213.8520, 74.4680,
-50.0440

■ 242.9200, 20.1760,
-13.2320

■ 208.5400, 83.9140,
-56.0380

■ 248.2320, 10.7300,
-7.2380

■ 204.4990, 91.1590,
-60.6890

■ 252.8430, 1.8800,
-1.0320

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

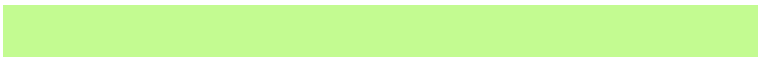
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.6720, 49.9330, -18.3790



228.3860, 47.3220, -31.6380



222.1720, 0.6500, -44.8380

Triad

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



228.3860, 47.3220, -31.6380



178.7550, -151.9800, -54.0600



220.3670, 16.2250, 30.8570

Complementary

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



228.3860, 47.3220, -31.6380



147.6140, -47.3220, 31.6380

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.



230.9330, 11.2750, 21.4430



228.3860, 47.3220, -31.6380



176.4070, -150.8800, -51.9680

Square

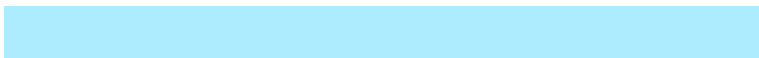
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.3860, 47.3220, -31.6380



177.9570, -149.7330, -56.2370



218.7420, -43.3720, -6.9240



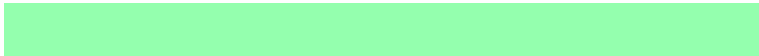
212.3820, 29.0640, 23.9440

Rectangle

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



228.3860, 47.3220, -31.6380



213.7730, -37.7710, -47.8750



218.7420, -43.3720, -6.9240



223.3020, 14.8500, 28.2420

Sweetspot

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



228.3860, 47.3220, -31.6380



246.8040, 14.8110, -9.6130



163.7480, 72.2520, 34.2040



122.8020, 9.1250, -5.6830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

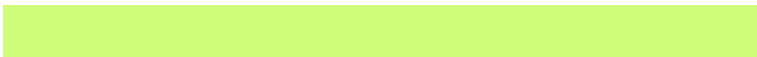
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3860, 47.3220, -31.6380



224.0740, 56.7680, -37.6320



225.1980, 14.9560, -50.8040



125.3440, 4.7230, -2.9970



153.9640, 68.4610, -45.8030



51.4210, 23.0190, -15.1970

Inverse Universe

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



147.6140, -47.3220, 31.6380



127.3390, -56.4930, 38.1550



150.8020, -14.9560, 50.8040



117.0690, -4.4480, 3.5200



37.0360, -68.4610, 45.8030



12.5790, -23.0190, 15.1970

Previews

White Background



This preview shows how the YIQ color 228.3860, 47.3220, -31.6380 looks on a white background.

Color Contrast Check

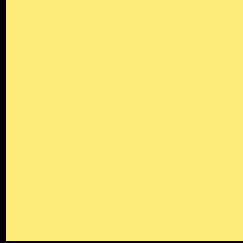
Large Text (above 18pt) WCAG AA × Fail

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 228.3860, 47.3220, -31.6380 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 228.3860, 47.3220, -31.6380

Background



This preview shows how black text looks on a background with the YIQ color 228.3860, 47.3220, -31.6380.



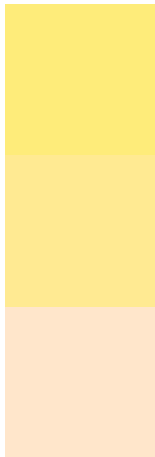
This preview shows how white text looks on a background with the YIQ color 228.3860, 47.3220, -31.6380.

-31.6380.

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

228.3860, 47.3220, -31.6380

Protanopia

230.2470, 40.7640, -22.9160

Deuteranopia

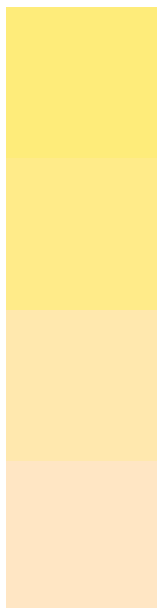
234.3970, 23.5670, -3.0970



Tritanopia

236.6260, 13.1570, 9.3570

Trichromacy



Original Color

228.3860, 47.3220, -31.6380

Protanomaly

229.8080, 43.3780, -26.2380

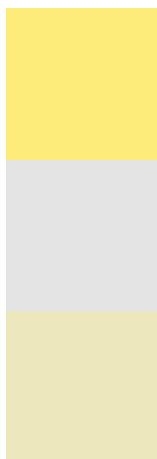
Deuteranomaly

232.2650, 32.3260, -13.1620

Tritanomaly

233.5990, 25.8140, -5.2740

Monochromacy



Original Color

228.3860, 47.3220, -31.6380

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0060, 17.0580, -11.7900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.3860, 47.3220, -31.6380 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(254, 236, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 122)  
}
```

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(254, 236, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 122) }
```

Border

The CSS property to change the border of an element to YIQ 228.3860, 47.3220, -31.6380 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(254, 236, 122) }
```


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

```
.border{ border-color:rgb(254, 236, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 236, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 236, 122); box-shadow:4px 4px 4px 4px rgb(254, 236, 122) }
```

Background

The CSS property to change the background color of an element to YIQ 228.3860, 47.3220, -31.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 122) }
```

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

```
.background{ background-color: rgb(254,  
236, 122) }
```

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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