

Converting Colors

YIQ(228.0380, 22.0590,
-30.8450)

Have a look what the booklet for
YIQ(228.0380, 22.0590, -30.8450)
contains.

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Color

**YIQ(228.0380, 22.0590,
-30.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F297
RGB	230, 242, 151
RGB Percent	90%, 95%, 59%
CMY	0.0981, 0.0509, 0.4077
CMYK	0.05, 0.00, 0.38, 0.05
HSL	68°, 78%, 77%
HSV	68°, 38%, 95%
XYZ	69.9689, 82.5622, 41.5437
YIQ	228.0380, 22.0590, -30.8450

Conversions

Conversions Part 2

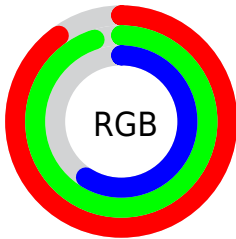
Format	Color
RYB	151, 242, 163
Decimal	15135383
CIELab	92.82, -17.60, 42.57
CIElCh	93, 46.059, 112.459
Yxy	82.5622, 0.3605, 0.4254
Android (android.graphics.Color)	4293325463 (0xFFE6F297)
YUV	228.0380, -37.9797, 1.7207
Hunter-Lab	90.8637, -21.5590, 36.4967

Details

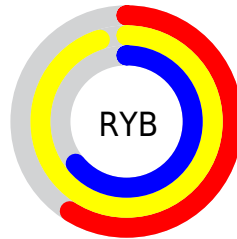
The YIQ color $228.0380, 22.0590, -30.8450$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $164.9620, -22.0590, 30.8450$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, 15.7290, -15.2390$, and $172.1950, 20.1790, -29.8130$ is the 20% darker color. If you saturate the color by 10%, you get $224.4050, 27.9750, -38.9450$, and if you desaturate by 10%, it is $231.6710, 16.1430, -22.7450$.

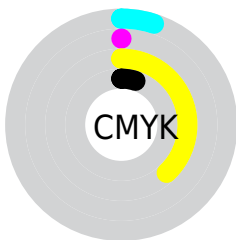
Distribution



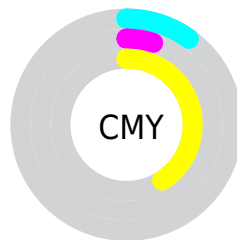
- Red (90%)
- Green (95%)
- Blue (59%)



- Red (59%)
- Yellow (95%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.0380, 22.0590, -30.8450 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 228.0380, 22.0590, -30.8450 by changing the saturation by 10% instead.

■ 228.0380, 22.0590,
-30.8450

■ 228.0380, 22.0590,
-30.8450

■ 255.0000, -0.0000,
-0.0000

■ 199.8530, 21.1420,
-30.7460

■ 249.4140, 15.7290,
-15.2390

■ 172.1950, 20.1790,
-29.8130

■ 252.7200, 6.4200,
-6.2200

■ 145.3090, 19.8580,
-29.5020

■ 119.1240, 18.9410,
-29.4030

■ 93.7110, 18.6660,
-29.9260

■ 69.0530, 17.7030,
-28.9930

■ 48.3760, 9.7240,

-22.0520

■ 28.5740, 0.5990,
-16.3690

■ 10.5660, -4.9500,
-9.4140

■ 228.0380, 22.0590,
-30.8450

■ 228.0380, 22.0590,
-30.8450

■ 224.4050, 27.9750,
-38.9450

■ 231.6710, 16.1430,
-22.7450

■ 220.7720, 33.8910,
-47.0450

■ 235.3040, 10.2270,
-14.6450

■ 216.7260, 39.5320,
-55.6680

■ 239.3500, 4.5860,
-6.0220

■ 213.0930, 45.4480,
-63.7680

■ 242.9830, -1.3300,
2.0780

■ 209.4600, 51.3640,
-71.8680

■ 244.6780, -1.7890,
4.8910

■ 205.8270, 57.2800,
-79.9680

■ 245.5750, -0.0010,
5.5270

■ 204.8440, 58.6100,
-82.0460

■ 246.4720, 1.7870,
6.1630

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

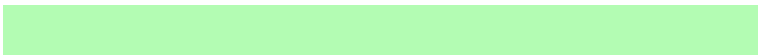
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.7250, 42.4140, -19.7780



228.0380, 22.0590, -30.8450



221.8510, -20.0750, -38.1790

Triad

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



228.0380, 22.0590, -30.8450



201.5010, -103.7500, -36.0540



222.3900, 17.4180, 25.7540

Complementary

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



228.0380, 22.0590, -30.8450



164.9620, -22.0590, 30.8450

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.



229.1720, 12.1000, 23.0120



228.0380, 22.0590, -30.8450



216.5720, -57.8130, -15.0370

Square

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



228.0380, 22.0590, -30.8450



198.7880, -112.0480, -39.8560



229.2950, -10.7760, 8.0720



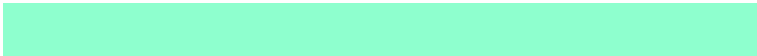
217.9610, 31.2670, 11.5470

Rectangle

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



228.0380, 22.0590, -30.8450



215.6270, -51.6190, -39.1950



229.2950, -10.7760, 8.0720



224.4760, 14.3000, 27.1960

Sweetspot

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



228.0380, 22.0590, -30.8450



250.6120, 6.6040, -9.5560



184.6660, 51.2110, 13.5390



125.1650, 3.6690, -5.9230



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

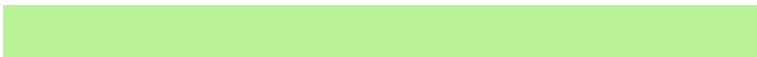
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.0380, 22.0590, -30.8450



237.4050, 27.9750, -38.9450



214.8820, -4.1650, -40.1730



118.0340, 2.6600, -4.1560



155.5490, 44.1640, -62.5240



47.5230, 13.8040, -18.9000

Inverse Universe

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



164.9620, -22.0590, 30.8450



157.5950, -27.9750, 38.9450



178.1180, 4.1650, 40.1730



109.6670, -3.2560, 3.9440



28.1520, -44.7600, 62.3120



8.4770, -13.8040, 18.9000

Previews

White Background



This preview shows how the YIQ color 228.0380, 22.0590, -30.8450 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 228.0380, 22.0590, -30.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

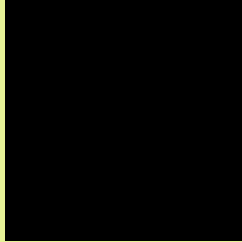
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.0380, 22.0590, -30.8450

Background



This preview shows how black text looks on a background with the YIQ color 228.0380, 22.0590, -30.8450.



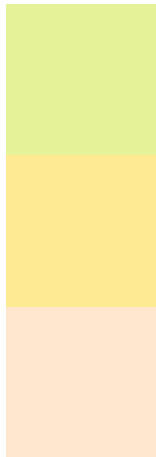
This preview shows how white text looks on a background with the YIQ color 228.0380, 22.0590,

-30.8450.

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

228.0380, 22.0590, -30.8450

Protanopia

230.4750, 40.1220, -22.2940

Deuteranopia

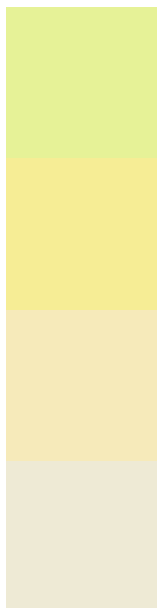
234.7390, 22.6040, -2.1640



Tritanopia

235.6400, 1.3740, 8.1420

Trichromacy



Original Color

228.0380, 22.0590, -30.8450

Protanomaly

229.6590, 33.6120, -25.4600

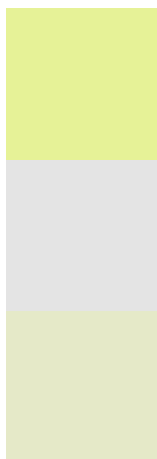
Deuteranomaly

232.1160, 22.5600, -12.3840

Tritanomaly

232.8020, 9.1250, -5.6830

Monochromacy



Original Color

228.0380, 22.0590, -30.8450

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0420, 8.2090, -11.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.0380, 22.0590, -30.8450 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(230, 242, 151)` looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 151)  
}
```

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(230, 242, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 151) }
```

Border

The CSS property to change the border of an element to YIQ 228.0380, 22.0590, -30.8450 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(230, 242, 151) }
```


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

```
.border{ border-color:rgb(230, 242, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 242, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 151);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 228.0380, 22.0590, -30.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 151) }
```

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

```
.background{ background-color: rgb(230,  
242, 151) }
```

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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