

Converting Colors

YIQ(228.5230, 30.9990,
-27.6650)

Have a look what the booklet for
YIQ(228.5230, 30.9990, -27.6650)
contains.

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Color

**YIQ(228.5230, 30.9990,
-27.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EE93
RGB	241, 238, 147
RGB Percent	95%, 93%, 58%
CMY	0.0550, 0.0666, 0.4233
CMYK	0.00, 0.01, 0.39, 0.05
HSL	58°, 77%, 76%
HSV	58°, 39%, 95%
XYZ	72.1158, 81.9549, 39.6420
YIQ	228.5230, 30.9990, -27.6650

Conversions

Conversions Part 2

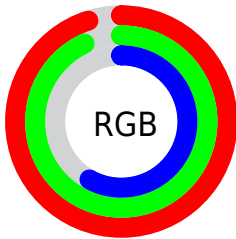
Format	Color
RYB	150, 241, 147
Decimal	15855251
CIELab	92.55, -11.87, 44.35
CIELCh	93, 45.914, 104.985
Yxy	81.9549, 0.3723, 0.4231
Android (android.graphics.Color)	4294045331 (0xFFFF1EE93)
YUV	228.5230, -40.1908, 10.9423
Hunter-Lab	90.5289, -16.2317, 37.4075

Details

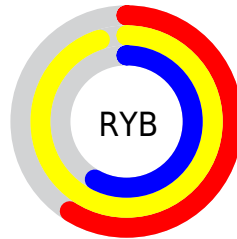
The YIQ color $228.5230, 30.9990, -27.6650$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $159.4770, -30.9990, 27.6650$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.9580, 17.0130, -16.4830$, and $172.3810, 28.5230, -26.8450$ is the 20% darker color. If you saturate the color by 10%, you get $225.2000, 38.9780, -34.6060$, and if you desaturate by 10%, it is $231.8460, 23.0200, -20.7240$.

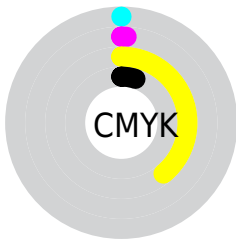
Distribution



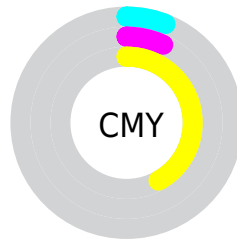
- Red (95%)
- Green (93%)
- Blue (58%)



- Red (59%)
- Yellow (95%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (5%)



- Cyan (6%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.5230, 30.9990, -27.6650 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 228.5230, 30.9990, -27.6650 by changing the saturation by 10% instead.

228.5230, 30.9990,
-27.6650

228.5230, 30.9990,
-27.6650

255.0000, -0.0000,
-0.0000

200.4520, 29.7610,
-27.2550

248.9580, 17.0130,
-16.4830

172.3810, 28.5230,
-26.8450

252.2640, 7.7040,
-7.4640

145.4950, 28.2020,
-26.5340

119.5980, 26.4140,
-27.1700

93.4840, 26.7350,
-27.4810

69.6840, 23.2960,
-25.7280

49.5940, 15.0420,

-19.3100

■ 29.2050, 6.1920,
-13.1040

■ 9.3920, -4.4000,
-8.3680

■ 228.5230, 30.9990,
-27.6650

■ 228.5230, 30.9990,
-27.6650

■ 225.2000, 38.9780,
-34.6060

■ 231.8460, 23.0200,
-20.7240

■ 221.8770, 46.9570,
-41.5470

■ 235.1690, 15.0410,
-13.7830

■ 219.1410, 54.6610,
-49.0110

■ 237.9050, 7.3370,
-6.3190

■ 215.8180, 62.6400,
-55.9520

■ 241.2280, -0.6420,
0.6220

■ 212.4950, 70.6190,
-62.8930

■ 243.1830, -4.7690,
3.8310

■ 209.0580, 78.9190,
-70.1450

■ 243.7700, -5.0440,
3.3080

■ 208.8300, 79.5610,
-70.7670

■ 244.3570, -5.3190,
2.7850

■ 244.9440, -5.5940,
2.2620

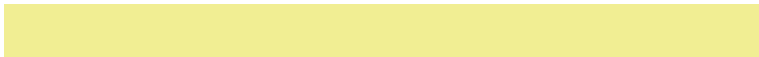
Harmonies

Analogous

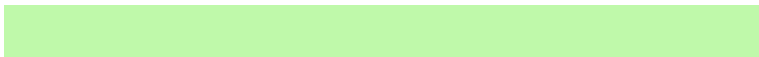
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.1320, 42.8260, -16.2300



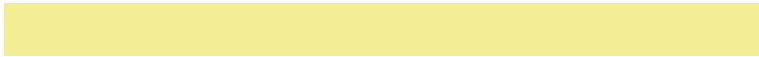
228.5230, 30.9990, -27.6650



222.6520, -9.2090, -36.8650

Triad

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



228.5230, 30.9990, -27.6650



198.2010, -111.7730, -39.3330



223.8890, 14.5750, 27.7190

Complementary

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



228.5230, 30.9990, -27.6650



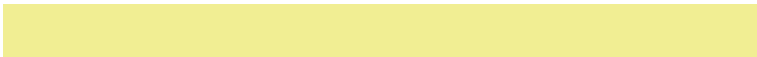
159.4770, -30.9990, 27.6650

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



228.5230, 30.9990, -27.6650



212.0650, -69.6870, -20.1110

Square

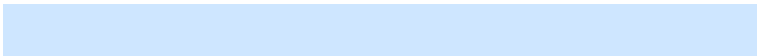
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.5230, 30.9990, -27.6650



202.3760, -104.8960, -37.3120



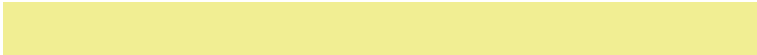
225.6740, -22.3290, 2.6870



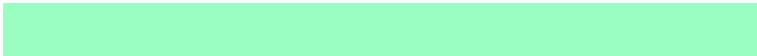
217.9270, 28.6070, 15.7030

Rectangle

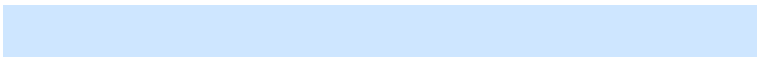
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.5230, 30.9990, -27.6650



217.6730, -40.0650, -39.3370



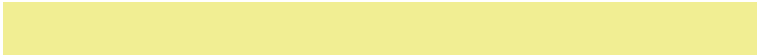
225.6740, -22.3290, 2.6870



225.6500, 13.7500, 26.1500

Sweetspot

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



228.5230, 30.9990, -27.6650



250.8790, 10.2260, -9.1180



175.4480, 55.0610, 20.8610



125.3610, 6.0530, -5.0750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

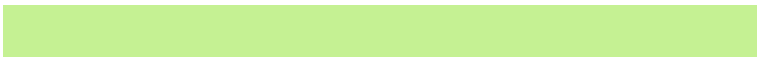
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.5230, 30.9990, -27.6650



238.9720, 39.6200, -35.2280



217.1280, 3.9500, -38.5620



118.0450, 4.1270, -3.2090



159.5020, 60.7140, -54.0860



48.4420, 18.5260, -16.3700

Inverse Universe

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



159.4770, -30.9990, 27.6650



151.0280, -39.6200, 35.2280



170.8720, -3.9500, 38.5620



109.3680, -3.8520, 3.7320



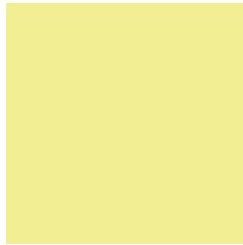
24.4980, -60.7140, 54.0860



7.5580, -18.5260, 16.3700

Previews

White Background



This preview shows how the YIQ color 228.5230, 30.9990, -27.6650 looks on a white background.

Color Contrast Check

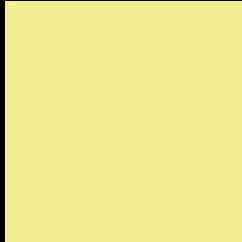
Large Text (above 18pt) WCAG AA × Fail

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 228.5230, 30.9990, -27.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

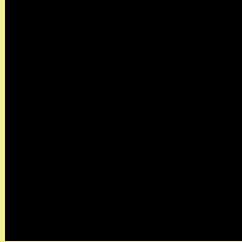
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.5230, 30.9990, -27.6650

Background



This preview shows how black text looks on a background with the YIQ color 228.5230, 30.9990, -27.6650.



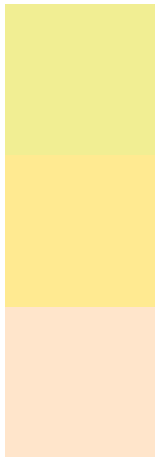
This preview shows how white text looks on a background with the YIQ color 228.5230, 30.9990, -27.6650.

-27.6650.

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

228.5230, 30.9990, -27.6650

Protanopia

230.1330, 41.0850, -23.2270

Deuteranopia

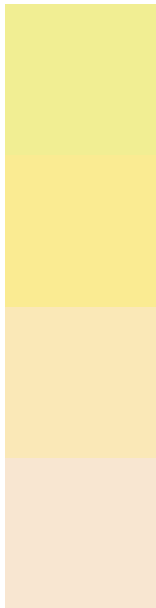
233.8100, 23.8420, -2.5740



Tritanopia

235.8260, 9.7180, 11.1100

Trichromacy



Original Color

228.5230, 30.9990, -27.6650

Protanomaly

229.3390, 37.5090, -24.4990

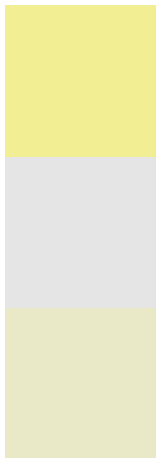
Deuteranomaly

231.7960, 26.4570, -11.4230

Tritanomaly

232.9880, 17.4690, -2.7150

Monochromacy



Original Color

228.5230, 30.9990, -27.6650

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.5370, 11.1890, -10.0510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.5230, 30.9990, -27.6650 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(241, 238, 147)` looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 147)  
}
```

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(241, 238, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 147) }
```

Border

The CSS property to change the border of an element to YIQ 228.5230, 30.9990, -27.6650 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(241, 238, 147) }
```


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

```
.border{ border-color:rgb(241, 238, 147) }
```

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

Here you see how a box with a 4 pixel rgb(241, 238, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 238, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 238, 147);  
box-shadow:4px 4px 4px 4px rgb(241, 238,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 228.5230, 30.9990, -27.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 147) }
```

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

```
.background{ background-color: rgb(241,  
238, 147) }
```

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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