

Converting Colors

YIQ(225.8530, 22.2830, -1.8530)

Have a look what the booklet for
YIQ(225.8530, 22.2830, -1.8530)
contains.

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Color

**YIQ(225.8530, 22.2830,
-1.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DDC6
RGB	246, 221, 198
RGB Percent	96%, 87%, 78%
CMY	0.0352, 0.1334, 0.2234
CMYK	0.00, 0.10, 0.20, 0.04
HSL	29°, 73%, 87%
HSV	29°, 20%, 96%
XYZ	74.0599, 75.3807, 64.0890
YIQ	225.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

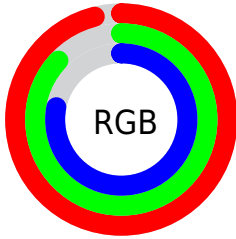
Format	Color
R _Y B	246, 242, 198
Decimal	16178630
CIE Lab	89.57, 5.05, 14.41
CIE LCh	90, 15.267, 70.677
Yxy	75.3807, 0.3468, 0.3530
Android (android.graphics.Color)	4294368710 (0xFFF6DDC6)
YUV	225.8530, -13.7315, 17.6689
Hunter-Lab	86.8221, 0.3233, 17.0096

Details

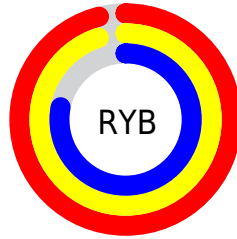
The YIQ color $225.8530, 22.2830, -1.8530$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $218.1470, -22.2830, 1.8530$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.3690, 20.7700, -1.9660$ is the 20% darker color. If you saturate the color by 10%, you get $215.3720, 33.8830, -2.8290$, and if you desaturate by 10%, it is $236.3340, 10.6830, -0.8770$.

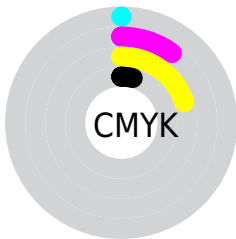
Distribution



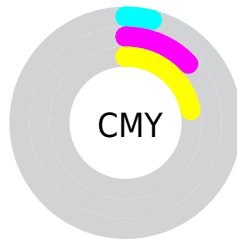
- Red (96%)
- Green (87%)
- Blue (78%)



- Red (96%)
- Yellow (95%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.8530, 22.2830, -1.8530 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 225.8530, 22.2830, -1.8530 by changing the saturation by 10% instead.

225.8530, 22.2830,
-1.8530

225.8530, 22.2830,
-1.8530

255.0000, -0.0000,
-0.0000

197.6680, 21.3660,
-1.7540

170.3690, 20.7700,
-1.9660

144.1840, 19.8530,
-1.8670

117.9990, 18.9360,
-1.7680

93.7000, 18.3400,
-1.9800

69.6290, 17.1020,
-1.5700

47.1450, 15.5890,

-1.6830

■ 25.7490, 16.6440,
-4.2840

■ 2.3920, 4.7680,
1.6960

■ 225.8530, 22.2830,
-1.8530

■ 225.8530, 22.2830,
-1.8530

■ 215.3720, 33.8830,
-2.8290

■ 236.3340, 10.6830,
-0.8770

■ 205.0050, 45.1620,
-3.4940

■ 246.7010, -0.5960,
-0.2120

■ 195.1110, 56.4870,
-4.9930

■ 252.3090, -5.3640,
-1.9080

■ 184.7440, 67.7660,
-5.6580

■ 174.2630, 79.3660,
-6.6340

■ 163.7820, 90.9660,
-7.6100

■ 153.4150,
102.2450, -8.2750

■ 142.9340,
113.8450, -9.2510

■ 142.8200,
114.1660, -9.5620

Harmonies

Analogous

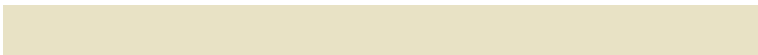
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.2220, 25.8580, 4.9460



225.8530, 22.2830, -1.8530



224.4880, 12.8850, -7.7470

Triad

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



225.8530, 22.2830, -1.8530



220.3880, -24.9400, -10.5720



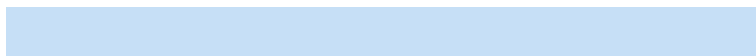
227.2640, -0.3230, 11.3650

Complementary

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



225.8530, 22.2830, -1.8530



218.1470, -22.2830, 1.8530

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.



225.6150, -14.6730, 7.1110



225.8530, 22.2830, -1.8530



221.0980, -29.7550, -5.9070

Square

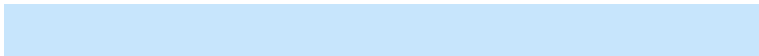
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.8530, 22.2830, -1.8530



220.7820, -14.4860, -12.8060



222.6520, -25.2630, 0.7930



228.0330, 13.5690, 12.9050

Rectangle

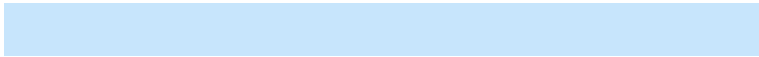
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.8530, 22.2830, -1.8530



223.0030, 3.9450, -10.9270



222.6520, -25.2630, 0.7930



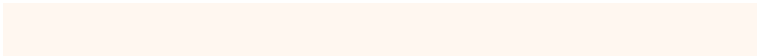
226.6980, -4.5410, 10.7150

Sweetspot

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



225.8530, 22.2830, -1.8530



248.5940, 7.0150, -0.4810



215.3160, 20.2620, 18.2620



124.0390, 4.2640, -0.1840



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.



225.8530, 22.2830, -1.8530



230.0770, 27.4640, -2.1360



239.3540, 15.9580, -13.8820



117.1100, 5.5020, -0.5940



107.8570, 86.3810, -7.1150



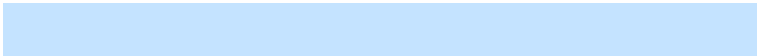
34.0770, 27.4640, -2.1360

Inverse Universe

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



218.1470, -22.2830, 1.8530



220.9230, -27.4640, 2.1360



204.6460, -15.9580, 13.8820



115.4770, -5.7770, 0.0710



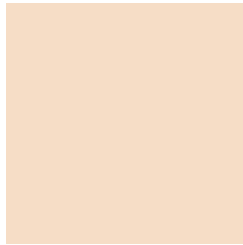
78.1430, -86.3810, 7.1150



24.9230, -27.4640, 2.1360

Previews

White Background



This preview shows how the YIQ color 225.8530, 22.2830, -1.8530 looks on a white background.

Color Contrast Check

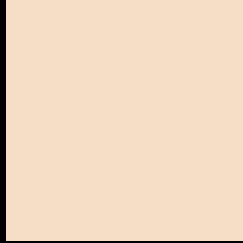
Large Text (above 18pt) WCAG AA × Fail

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 225.8530, 22.2830, -1.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

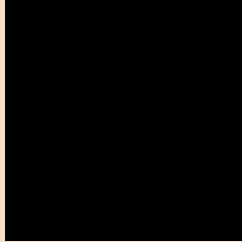
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.8530, 22.2830, -1.8530

Background



This preview shows how black text looks on a background with the YIQ color 225.8530, 22.2830, -1.8530.



This preview shows how white text looks on a background with the YIQ color 225.8530, 22.2830,

-1.8530.

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

225.8530, 22.2830, -1.8530

Protanopia

225.1400, 13.9850, -5.6550

Deuteranopia

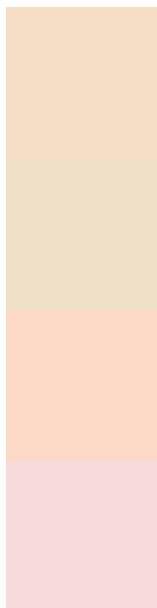
226.4240, 28.1050, 2.7690



Tritanopia

228.1040, 14.8070, 12.4950

Trichromacy



Original Color

225.8530, 22.2830, -1.8530

Protanomaly

225.6350, 16.9650, -4.5950

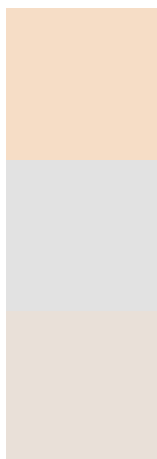
Deuteranomaly

226.0000, 26.3630, 1.2990

Tritanomaly

227.4970, 17.8340, 7.1940

Monochromacy



Original Color

225.8530, 22.2830, -1.8530

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.7790, 7.9320, -0.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.8530, 22.2830, -1.8530 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(246, 221, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 198)  
}
```

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(246, 221, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 198) }
```

Border

The CSS property to change the border of an element to YIQ 225.8530, 22.2830, -1.8530 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(246, 221, 198) }
```


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

```
.border{ border-color:rgb(246, 221, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 221, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 221, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 221, 198); box-shadow:4px 4px 4px 4px rgb(246, 221, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 225.8530, 22.2830, -1.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 198) }
```

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

```
.background{ background-color: rgb(246,  
221, 198) }
```

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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