

Converting Colors

YIQ(230.5500, 27.5100, -2.9700)

Have a look what the booklet for
YIQ(230.5500, 27.5100, -2.9700)
contains.

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Color

**YIQ(230.5500, 27.5100,
-2.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C3
RGB	255, 225, 195
RGB Percent	100%, 88%, 76%
CMY	0.0000, 0.1177, 0.2352
CMYK	0.00, 0.12, 0.24, 0.00
HSL	30°, 100%, 88%
HSV	30°, 24%, 100%
XYZ	78.0159, 79.0452, 62.7952
YIQ	230.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

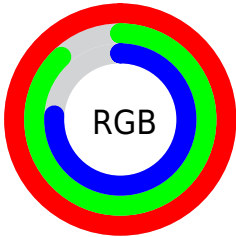
Format	Color
R _Y B	255, 255, 195
Decimal	16769475
CIE Lab	91.25, 5.84, 18.45
CIE LCh	91, 19.350, 72.418
Yxy	79.0452, 0.3548, 0.3595
Android (android.graphics.Color)	4294959555 (0xFFFFE1C3)
YUV	230.5500, -17.5261, 21.4427
Hunter-Lab	88.9074, 1.0452, 20.3587

Details

The YIQ color $230.5500, 27.5100, -2.9700$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $219.4500, -27.5100, 2.9700$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $175.0660, 25.9970, -3.0830$ is the 20% darker color. If you saturate the color by 10%, you get $220.0690, 39.1100, -3.9460$, and if you desaturate by 10%, it is $241.1450, 15.5890, -1.6830$.

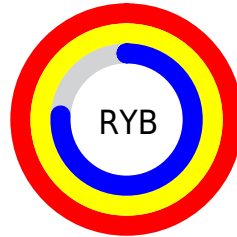
Distribution



Red (100%)

Green (88%)

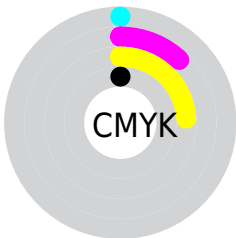
Blue (76%)



Red (100%)

Yellow (100%)

Blue (76%)

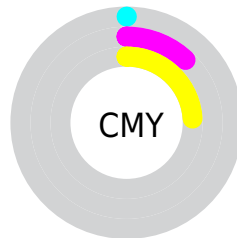


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.5500, 27.5100, -2.9700 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 230.5500, 27.5100, -2.9700 by changing the saturation by 10% instead.

230.5500, 27.5100,
-2.9700

230.5500, 27.5100,
-2.9700

255.0000, -0.0000,
-0.0000

202.3650, 26.5930,
-2.8710

254.6580, 0.9630,
-0.9330

175.0660, 25.9970,
-3.0830

147.9950, 24.7590,
-2.6730

122.3970, 23.5670,
-3.0970

97.2120, 22.6500,
-2.9980

73.4290, 20.5410,
-3.3230

50.3580, 19.3030,

-2.9130

■ 28.7170, 19.6700,
-4.0580

■ 5.9800, 11.9200,
4.2400

■ 230.5500, 27.5100,
-2.9700

■ 230.5500, 27.5100,
-2.9700

■ 220.0690, 39.1100,
-3.9460

■ 241.1450, 15.5890,
-1.6830

■ 209.4740, 51.0310,
-5.2330

■ 251.6260, 3.9890,
-0.7070

■ 199.5800, 62.3560,
-6.7320

■ 255.0000, -0.0000,
-0.0000

■ 188.9850, 74.2770,
-8.0190

■ 178.5040, 85.8770,
-8.9950

■ 167.9090, 97.7980,
-10.2820

■ 158.0150,
109.1230, -11.7810

■ 150.7940,
117.0550, -12.3610

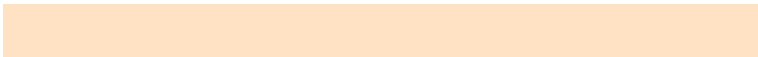
Harmonies

Analogous

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



228.8690, 25.3540, 3.0660



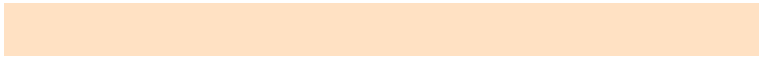
230.5500, 27.5100, -2.9700



228.5760, 15.4530, -10.2350

Triad

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



230.5500, 27.5100, -2.9700



223.2020, -33.2840, -13.5400



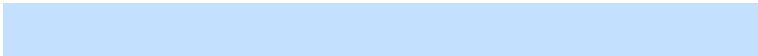
232.6280, 1.6480, 14.1920

Complementary

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



230.5500, 27.5100, -2.9700



219.4500, -27.5100, 2.9700

Split Complementary

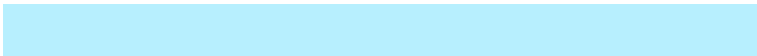
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.9740, -14.3060, 5.9660



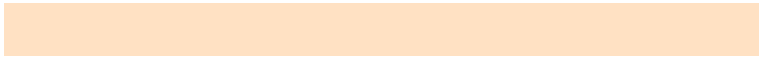
230.5500, 27.5100, -2.9700



223.9660, -38.1910, -7.2070

Square

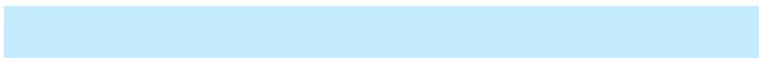
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.5500, 27.5100, -2.9700



224.3360, -19.1620, -16.1700



225.9180, -29.0680, -1.8360



231.7990, 14.3480, 15.3080

Rectangle

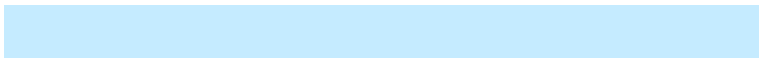
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.5500, 27.5100, -2.9700



227.1940, 4.7250, -14.0510



225.9180, -29.0680, -1.8360



231.4100, -3.6700, 11.4500

Sweetspot

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



230.5500, 27.5100, -2.9700



247.6650, 8.2530, -0.8910



216.4740, 25.8090, 22.3610



123.2240, 5.1810, -0.2830



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.



230.5500, 27.5100, -2.9700



225.7740, 32.6910, -3.2530



247.5730, 19.5350, -18.1370



122.4090, 6.0980, -0.3820



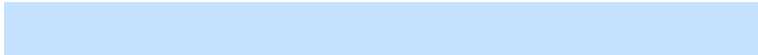
113.4610, 87.4360, -9.7160



37.9200, 29.3440, -3.1680

Inverse Universe

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



219.4500, -27.5100, 2.9700



212.6390, -32.4160, 3.7760



202.4270, -19.5350, 18.1370



120.0040, -5.8230, 0.9050



78.1260, -87.7110, 9.1930



26.0800, -29.3440, 3.1680

Previews

White Background



This preview shows how the YIQ color 230.5500, 27.5100, -2.9700 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 230.5500, 27.5100, -2.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

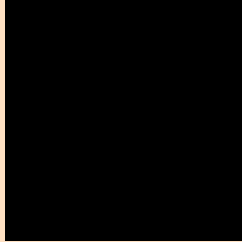
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.5500, 27.5100, -2.9700

Background



This preview shows how black text looks on a background with the YIQ color 230.5500, 27.5100, -2.9700.



This preview shows how white text looks on a background with the YIQ color 230.5500, 27.5100,

-2.9700.

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

230.5500, 27.5100, -2.9700

Protanopia

229.2390, 18.0200, -7.1960

Deuteranopia

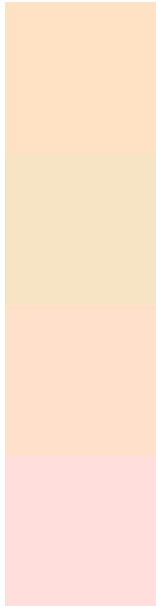
231.3310, 23.9330, 1.2850



Tritanopia

232.7620, 15.7700, 11.5620

Trichromacy



Original Color

230.5500, 27.5100, -2.9700

Protanomaly

230.0330, 21.5960, -5.9240

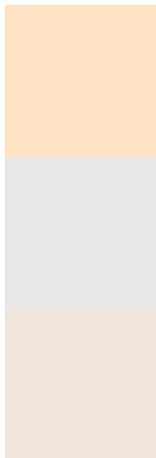
Deuteranomaly

230.8750, 25.2170, 0.0410

Tritanomaly

231.6390, 20.3100, 6.3740

Monochromacy



Original Color

230.5500, 27.5100, -2.9700

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.0350, 10.0870, -1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.5500, 27.5100, -2.9700 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(255, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 195)  
}
```

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(255, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 195) }
```

Border

The CSS property to change the border of an element to YIQ 230.5500, 27.5100, -2.9700 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(255, 225, 195) }
```


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

```
.border{ border-color:rgb(255, 225, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 230.5500, 27.5100, -2.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 195) }
```

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

```
.background{ background-color: rgb(255,  
225, 195) }
```

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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