

Converting Colors

YIQ(226.6310, 22.7880, -5.5000)

Have a look what the booklet for
YIQ(226.6310, 22.7880, -5.5000)
contains.

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Color

**YIQ(226.6310, 22.7880,
-5.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0C0
RGB	245, 224, 192
RGB Percent	96%, 88%, 75%
CMY	0.0392, 0.1216, 0.2469
CMYK	0.00, 0.09, 0.22, 0.04
HSL	36°, 73%, 86%
HSV	36°, 22%, 96%
XYZ	73.8298, 76.5274, 60.7663
YIQ	226.6310, 22.7880, -5.5000

Conversions

Conversions Part 2

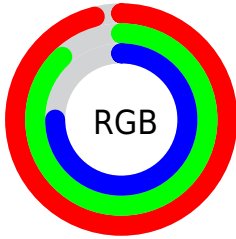
Format	Color
RYB	227, 245, 192
Decimal	16113856
CIELab	90.10, 2.28, 18.27
CIELCh	90, 18.415, 82.891
Yxy	76.5274, 0.3497, 0.3625
Android (android.graphics.Color)	4294303936 (0xFFFF5E0C0)
YUV	226.6310, -17.0731, 16.1096
Hunter-Lab	87.4800, -2.4426, 20.0513

Details

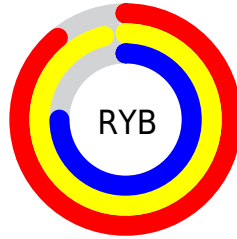
The YIQ color $226.6310, 22.7880, -5.5000$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $210.3690, -22.7880, 5.5000$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.2020, 2.2470, -2.1770$, and $171.1470, 21.2750, -5.6130$ is the 20% darker color. If you saturate the color by 10%, you get $218.0250, 33.2420, -7.7340$, and if you desaturate by 10%, it is $235.3510, 12.0130, -2.9550$.

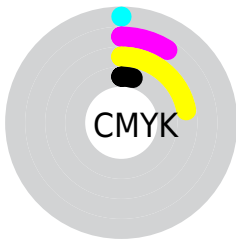
Distribution



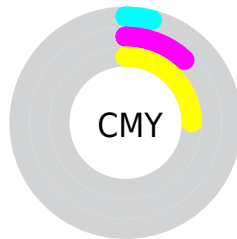
- Red (96%)
- Green (88%)
- Blue (75%)



- Red (89%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.6310, 22.7880, -5.5000 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 226.6310, 22.7880, -5.5000 by changing the saturation by 10% instead.

226.6310, 22.7880,
-5.5000

226.6310, 22.7880,
-5.5000

255.0000, -0.0000,
-0.0000

198.4460, 21.8710,
-5.4010

254.3160, 1.9260,
-1.8660

171.1470, 21.2750,
-5.6130

144.3750, 20.6330,
-4.9910

118.7770, 19.4410,
-5.4150

94.0050, 18.7990,
-4.7930

70.4070, 17.6070,
-5.2170

47.9230, 16.0940,

-5.3300

■ 26.6240, 15.4980,
-5.5420

■ 2.0930, 4.1720,
1.4840

■ 226.6310, 22.7880,
-5.5000

■ 226.6310, 22.7880,
-5.5000

■ 218.0250, 33.2420,
-7.7340

■ 235.3510, 12.0130,
-2.9550

■ 209.8920, 43.7420,
-10.8020

■ 243.3700, 1.8340,
-0.1980

■ 201.2860, 54.1960,
-13.0360

■ 250.8360, -5.4100,
-1.0740

■ 192.5660, 64.9710,
-15.5810

■ 252.0100, -5.9600,
-2.1200

■ 183.9600, 75.4250,
-17.8150

■ 175.8270, 85.9250,
-20.8830

■ 167.2210, 96.3790,
-23.1170

■ 160.1310,
105.3200, -25.4640

Harmonies

Analogous

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



227.4840, 27.8760, 1.4120



226.6310, 22.7880, -5.5000



224.7000, 9.1720, -12.0440

Triad

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



226.6310, 22.7880, -5.5000



220.5980, -34.3390, -10.9390



229.7920, 7.0580, 15.2660

Complementary

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



226.6310, 22.7880, -5.5000



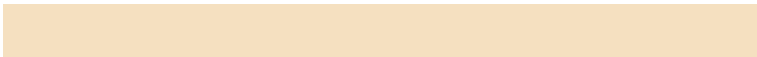
210.3690, -22.7880, 5.5000

Split Complementary

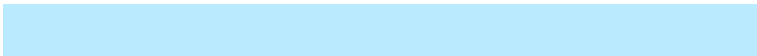
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.8330, -9.3550, 9.8530



226.6310, 22.7880, -5.5000



221.9280, -35.0280, -3.9560

Square

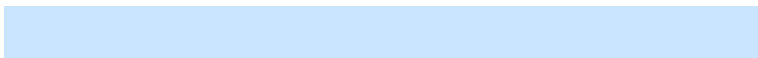
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.6310, 22.7880, -5.5000



220.9380, -23.7930, -14.8410



223.8910, -24.4380, 2.3620



228.8980, 18.3830, 13.7670

Rectangle

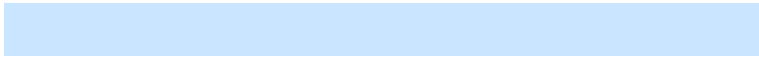
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.6310, 22.7880, -5.5000



223.3720, -1.6480, -14.1920



223.8910, -24.4380, 2.3620



229.4430, 0.7310, 14.2910

Sweetspot

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



226.6310, 22.7880, -5.5000



249.7680, 6.4650, -1.5270



210.2410, 24.8470, 17.7670



124.6260, 3.9890, -0.7070



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.



226.6310, 22.7880, -5.5000



232.2140, 28.3360, -6.9280



237.4630, 14.0330, -17.5430



118.2840, 4.9520, -1.6400



121.3580, 80.0560, -19.1440



38.1860, 25.5390, -5.7970

Inverse Universe

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



210.3690, -22.7880, 5.5000



211.7860, -28.3360, 6.9280



199.5370, -14.0330, 17.5430



114.3030, -5.2270, 1.1170



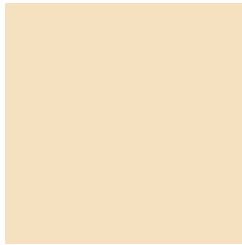
64.6420, -80.0560, 19.1440



20.2270, -25.2640, 6.3200

Previews

White Background



This preview shows how the YIQ color 226.6310, 22.7880, -5.5000 looks on a white background.

Color Contrast Check

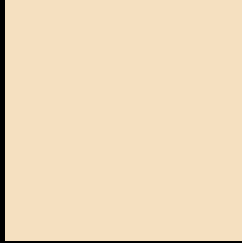
Large Text (above 18pt) WCAG AA × Fail

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 226.6310, 22.7880, -5.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

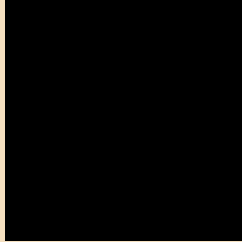
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.6310, 22.7880, -5.5000

Background



This preview shows how black text looks on a background with the YIQ color 226.6310, 22.7880, -5.5000.



This preview shows how white text looks on a background with the YIQ color 226.6310, 22.7880,

-5.5000.

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

226.6310, 22.7880, -5.5000

Protanopia

225.8260, 17.7450, -7.7190

Deuteranopia

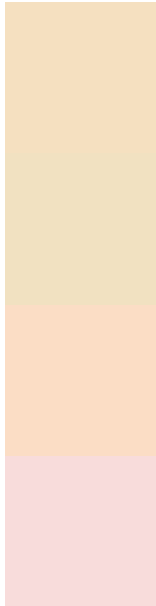
228.1850, 27.2800, 1.2000



Tritanopia

229.5060, 13.6150, 12.0710

Trichromacy



Original Color

226.6310, 22.7880, -5.5000

Protanomaly

226.1360, 19.8080, -6.5600

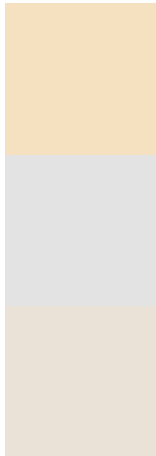
Deuteranomaly

227.2340, 25.5840, -1.1040

Tritanomaly

228.2580, 17.0090, 5.6250

Monochromacy



Original Color

226.6310, 22.7880, -5.5000

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.0240, 8.6200, -2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.6310, 22.7880, -5.5000 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(245, 224, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 192)  
}
```

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(245, 224, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 192) }
```

Border

The CSS property to change the border of an element to YIQ 226.6310, 22.7880, -5.5000 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(245, 224, 192) }
```


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

```
.border{ border-color:rgb(245, 224, 192) }
```

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

Here you see how a box with a 4 pixel rgb(245, 224, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 226.6310, 22.7880, -5.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 192) }
```

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

```
.background{ background-color: rgb(245,  
224, 192) }
```

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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