

Converting Colors

YIQ(235.3260, 22.3290, -2.6870)

Have a look what the booklet for
YIQ(235.3260, 22.3290, -2.6870)
contains.

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Color

**YIQ(235.3260, 22.3290,
-2.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7CE
RGB	255, 231, 206
RGB Percent	100%, 91%, 81%
CMY	0.0000, 0.0941, 0.1920
CMYK	0.00, 0.09, 0.19, 0.00
HSL	31°, 100%, 90%
HSV	31°, 19%, 100%
XYZ	80.9570, 82.8637, 70.1375
YIQ	235.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

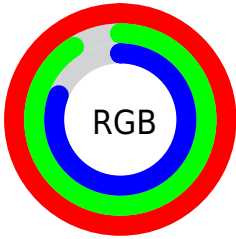
Format	Color
R_{YB}	253, 255, 206
Decimal	16771022
CIE _{Lab}	92.95, 4.33, 15.13
CIE _{LCh}	93, 15.733, 74.033
Yxy	82.8637, 0.3460, 0.3542
Android (android.graphics.Color)	4294961102 (0xFFFFE7CE)
YUV	235.3260, -14.4577, 17.2541
Hunter-Lab	91.0295, -0.5529, 18.0382

Details

The YIQ color $235.3260, 22.3290, -2.6870$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $225.6740, -22.3290, 2.6870$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.2550, 21.0910, -2.2770$ is the 20% darker color. If you saturate the color by 10%, you get $224.8450, 33.9290, -3.6630$, and if you desaturate by 10%, it is $245.3340, 10.6830, -0.8770$.

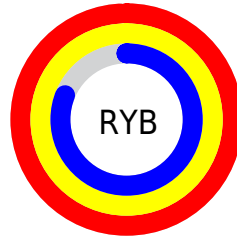
Distribution



Red (100%)

Green (91%)

Blue (81%)



Red (99%)

Yellow (100%)

Blue (81%)

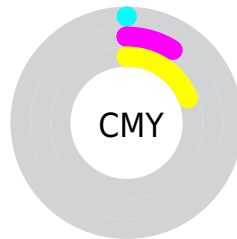


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.3260, 22.3290, -2.6870 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 235.3260, 22.3290, -2.6870 by changing the saturation by 10% instead.

235.3260, 22.3290,
-2.6870

235.3260, 22.3290,
-2.6870

255.0000, -0.0000,
-0.0000

207.1410, 21.4120,
-2.5880

179.2550, 21.0910,
-2.2770

152.6570, 19.8990,
-2.7010

126.7710, 19.5780,
-2.3900

101.5860, 18.6610,
-2.2910

77.1020, 17.1480,
-2.4040

54.5040, 15.9560,

-2.8280

■ 32.7920, 15.0850,
-3.5630

■ 10.9860, 11.7830,
1.2150

■ 235.3260, 22.3290,
-2.6870

■ 235.3260, 22.3290,
-2.6870

■ 224.8450, 33.9290,
-3.6630

■ 245.3340, 10.6830,
-0.8770

■ 214.8370, 45.5750,
-5.4730

255.0000, -0.0000,
-0.0000

■ 204.3560, 57.1750,
-6.4490

■ 194.3480, 68.8210,
-8.2590

■ 183.8670, 80.4210,
-9.2350

■ 173.8590, 92.0670,
-11.0450

■ 163.9650,
103.3920, -12.5440

■ 153.3700,
115.3130, -13.8310

■ 152.5550,
116.2300, -13.9300

Harmonies

Analogous

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



233.8900, 20.8610, 1.8930



235.3260, 22.3290, -2.6870



233.6620, 12.3350, -8.7930

Triad

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



235.3260, 22.3290, -2.6870



229.6050, -27.0490, -10.8970



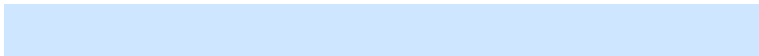
237.0470, 1.7860, 11.6900

Complementary

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



235.3260, 22.3290, -2.6870



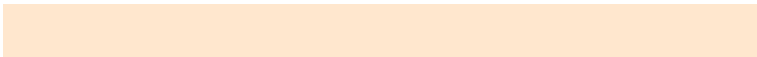
225.6740, -22.3290, 2.6870

Split Complementary

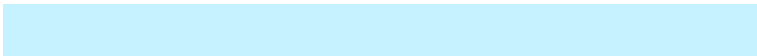
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.6000, -10.3170, 5.2590



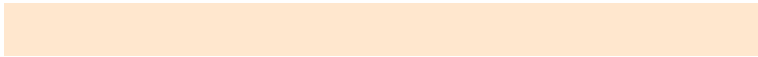
235.3260, 22.3290, -2.6870



230.3260, -30.3970, -5.2850

Square

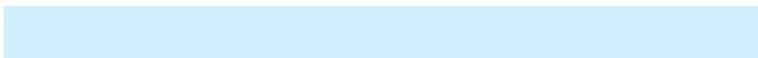
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.3260, 22.3290, -2.6870



229.9990, -16.5950, -13.1310



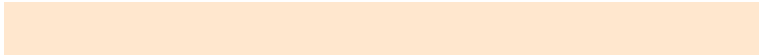
232.1530, -22.4200, -1.1720



236.0220, 12.1020, 11.9580

Rectangle

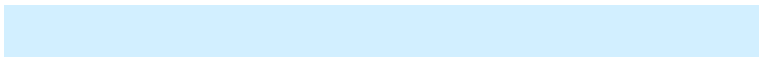
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.3260, 22.3290, -2.6870



232.2910, 3.0740, -11.6620



232.1530, -22.4200, -1.1720



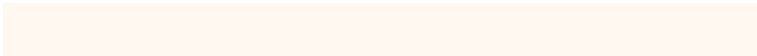
235.8400, -2.0650, 9.8950

Sweetspot

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



235.3260, 22.3290, -2.6870



249.1810, 6.7400, -1.0040



223.5010, 21.1790, 18.1630



124.0390, 4.2640, -0.1840



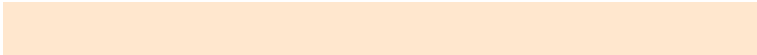
0.0000, 0.0000, 0.0000



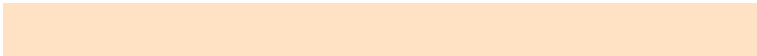
128.0000, -0.0000, -0.0000

Same Dimension

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



235.3260, 22.3290, -2.6870



231.2510, 26.9140, -3.1820



249.4140, 15.7290, -15.2390



122.4090, 6.0980, -0.3820



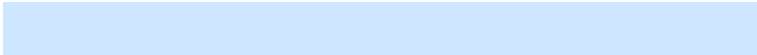
114.6350, 86.8860, -10.7620



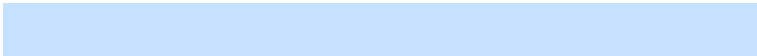
38.5070, 29.0690, -3.6910

Inverse Universe

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



225.6740, -22.3290, 2.6870



219.7490, -26.9140, 3.1820



211.5860, -15.7290, 15.2390



120.0040, -5.8230, 0.9050



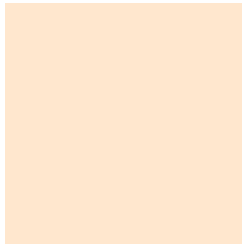
76.9520, -87.1610, 10.2390



25.4930, -29.0690, 3.6910

Previews

White Background



This preview shows how the YIQ color 235.3260, 22.3290, -2.6870 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 235.3260, 22.3290, -2.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

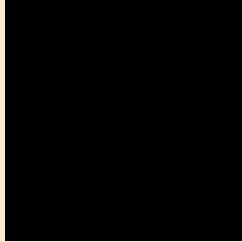
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.3260, 22.3290, -2.6870

Background



This preview shows how black text looks on a background with the YIQ color 235.3260, 22.3290, -2.6870.



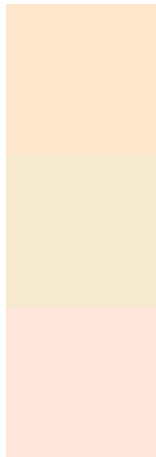
This preview shows how white text looks on a background with the YIQ color 235.3260, 22.3290,

-2.6870.

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

235.3260, 22.3290, -2.6870

Protanopia

234.3250, 14.9020, -5.7540

Deuteranopia

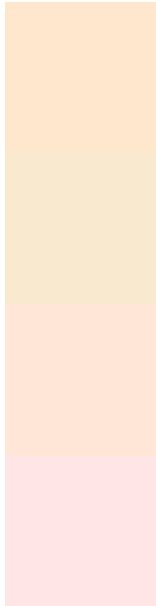
236.2210, 18.4310, 1.8790



Tritanopia

237.6690, 11.5980, 10.0780

Trichromacy



Original Color

235.3260, 22.3290, -2.6870

Protanomaly

234.8200, 17.8820, -4.6940

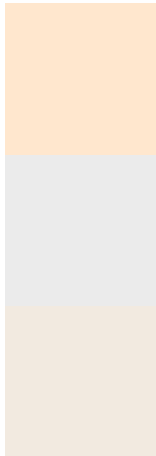
Deuteranomaly

235.6510, 20.0360, 0.3240

Tritanomaly

236.7740, 15.4960, 5.5120

Monochromacy



Original Color

235.3260, 22.3290, -2.6870

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.2520, 7.9780, -1.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.3260, 22.3290, -2.6870 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, 231, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 206)  
}
```

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, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 206) }
```

Border

The CSS property to change the border of an element to YIQ 235.3260, 22.3290, -2.6870 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, 231, 206) }
```


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

```
.border{ border-color:rgb(255, 231, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 231, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 235.3260, 22.3290, -2.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 206) }
```

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

```
.background{ background-color: rgb(255,  
231, 206) }
```

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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