

Converting Colors

YIQ(228.2620, 28.3810, -2.2350)

Have a look what the booklet for
YIQ(228.2620, 28.3810, -2.2350)
contains.

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Color

**YIQ(228.2620, 28.3810,
-2.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDEC1
RGB	254, 222, 193
RGB Percent	100%, 87%, 76%
CMY	0.0039, 0.1294, 0.2430
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 97%, 88%
HSV	28°, 24%, 100%
XYZ	76.6256, 77.1608, 61.3271
YIQ	228.2620, 28.3810, -2.2350

Conversions

Conversions Part 2

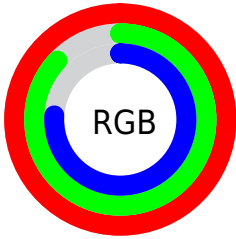
Format	Color
RYB	254, 248, 193
Decimal	16703169
CIELab	90.40, 6.75, 18.27
CIElCh	90, 19.479, 69.723
Yxy	77.1608, 0.3562, 0.3587
Android (android.graphics.Color)	4294893249 (0xFFFEDEC1)
YUV	228.2620, -17.3842, 22.5722
Hunter-Lab	87.8412, 1.9870, 20.0950

Details

The YIQ color $228.2620, 28.3810, -2.2350$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $218.7380, -28.3810, 2.2350$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, 1.6050, -1.5550$, and $172.7780, 26.8680, -2.3480$ is the 20% darker color. If you saturate the color by 10%, you get $217.7810, 39.9810, -3.2110$, and if you desaturate by 10%, it is $238.7430, 16.7810, -1.2590$.

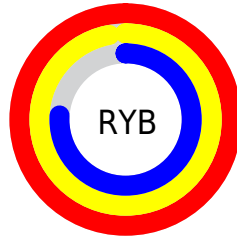
Distribution



Red (100%)

Green (87%)

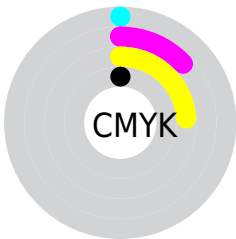
Blue (76%)



Red (100%)

Yellow (97%)

Blue (76%)

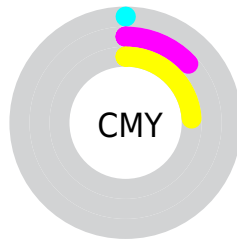


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.2620, 28.3810, -2.2350 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 228.2620, 28.3810, -2.2350 by changing the saturation by 10% instead.

228.2620, 28.3810,
-2.2350

228.2620, 28.3810,
-2.2350

255.0000, -0.0000,
-0.0000

200.0770, 27.4640,
-2.1360

254.4300, 1.6050,
-1.5550

172.7780, 26.8680,
-2.3480

146.2940, 25.3550,
-2.4610

120.1090, 24.4380,
-2.3620

95.6250, 22.9250,
-2.4750

71.1410, 21.4120,
-2.5880

48.6570, 19.8990,

-2.7010

■ 27.2440, 19.6240,
-3.2240

■ 5.3820, 10.7280,
3.8160

■ 228.2620, 28.3810,
-2.2350

■ 228.2620, 28.3810,
-2.2350

■ 217.7810, 39.9810,
-3.2110

■ 238.7430, 16.7810,
-1.2590

■ 206.5990, 52.1770,
-3.9750

■ 249.9250, 4.5850,
-0.4950

■ 196.1180, 63.7770,
-4.9510

254.7010, -0.5960,
-0.2120

■ 185.5230, 75.6980,
-6.2380

■ 174.4550, 87.5730,
-6.6910

■ 163.9740, 99.1730,
-7.6670

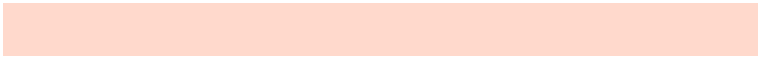
■ 153.3790,
111.0940, -8.9540

■ 146.9730,
118.1090, -9.4350

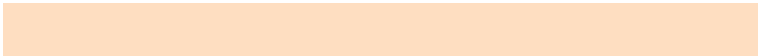
Harmonies

Analogous

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



226.8800, 26.8210, 4.0130



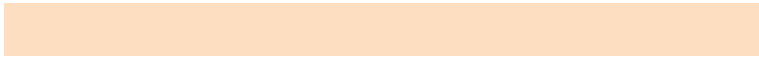
228.2620, 28.3810, -2.2350



226.1740, 16.6450, -9.8110

Triad

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



228.2620, 28.3810, -2.2350



220.9740, -32.6420, -14.1620



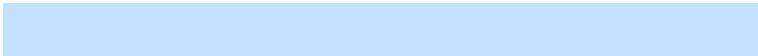
230.2580, -0.1860, 14.3900

Complementary

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



228.2620, 28.3810, -2.2350



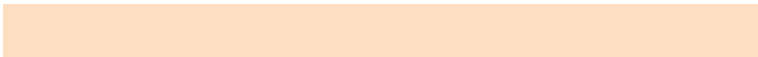
218.7380, -28.3810, 2.2350

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.



226.6040, -16.1400, 6.1640



228.2620, 28.3810, -2.2350



221.5530, -38.4660, -7.7300

Square

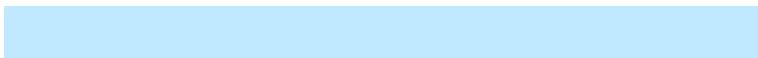
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.2620, 28.3810, -2.2350



221.8200, -17.6490, -16.0570



223.2490, -31.4980, -1.8500



230.5110, 15.2190, 16.0430

Rectangle

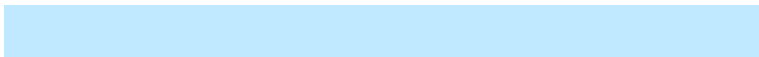
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.2620, 28.3810, -2.2350



224.7920, 5.9170, -13.6270



223.2490, -31.4980, -1.8500



229.0400, -5.5040, 11.6480

Sweetspot

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



228.2620, 28.3810, -2.2350



247.6650, 8.2530, -0.8910



215.0010, 25.7630, 23.1950



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.



228.2620, 28.3810, -2.2350



223.6710, 34.4790, -2.6170



245.8720, 20.1310, -17.9250



122.4090, 6.0980, -0.3820



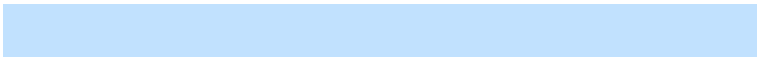
110.5260, 88.8110, -7.1010



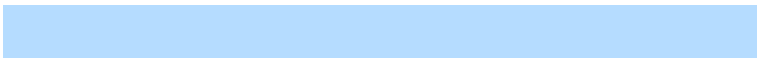
36.7460, 29.8940, -2.1220

Inverse Universe

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



218.7380, -28.3810, 2.2350



212.3290, -34.4790, 2.6170



201.1280, -20.1310, 17.9250



120.0040, -5.8230, 0.9050



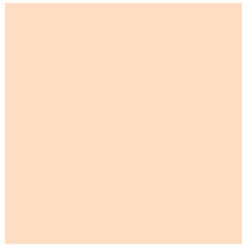
80.4740, -88.8110, 7.1010



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 228.2620, 28.3810, -2.2350 looks on a white background.

Color Contrast Check

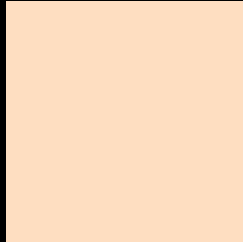
Large Text (above 18pt) WCAG AA × Fail

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 228.2620, 28.3810, -2.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

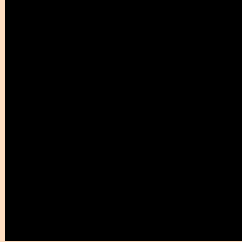
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.2620, 28.3810, -2.2350

Background



This preview shows how black text looks on a background with the YIQ color 228.2620, 28.3810, -2.2350.



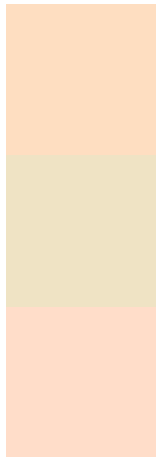
This preview shows how white text looks on a background with the YIQ color 228.2620, 28.3810,

-2.2350.

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

228.2620, 28.3810, -2.2350

Protanopia

227.0540, 17.1030, -7.0970

Deuteranopia

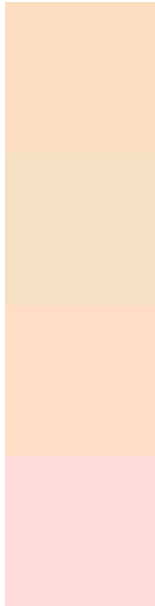
228.8860, 26.6840, 0.9880



Tritanopia

230.6590, 17.5580, 12.1980

Trichromacy



Original Color

228.2620, 28.3810, -2.2350

Protanomaly

227.2610, 20.9540, -5.3020

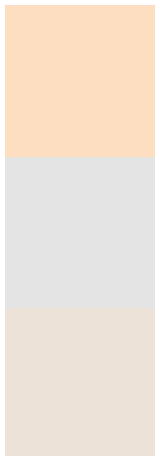
Deuteranomaly

228.5440, 27.6470, 0.0550

Tritanomaly

229.6500, 21.7770, 7.3210

Monochromacy



Original Color

228.2620, 28.3810, -2.2350

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0350, 10.0870, -1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.2620, 28.3810, -2.2350 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(254, 222, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 193)  
}
```

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(254, 222, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 193) }
```

Border

The CSS property to change the border of an element to YIQ 228.2620, 28.3810, -2.2350 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(254, 222, 193) }
```


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

```
.border{ border-color:rgb(254, 222, 193) }
```

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

Here you see how a box with a 4 pixel rgb(254, 222, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 228.2620, 28.3810, -2.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 193) }
```

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

```
.background{ background-color: rgb(254,  
222, 193) }
```

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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