

Converting Colors

YIQ(229.1320, 25.6310, -7.4650)

Have a look what the booklet for
YIQ(229.1320, 25.6310, -7.4650)
contains.

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Color

**YIQ(229.1320, 25.6310,
-7.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E3BC
RGB	249, 227, 188
RGB Percent	98%, 89%, 74%
CMY	0.0235, 0.1098, 0.2626
CMYK	0.00, 0.09, 0.24, 0.02
HSL	38°, 84%, 86%
HSV	38°, 24%, 98%
XYZ	75.6167, 78.7064, 58.8024
YIQ	229.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

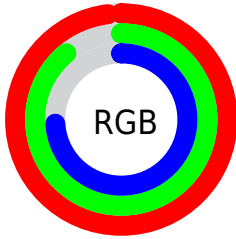
Format	Color
R _Y B	222, 249, 188
Decimal	16376764
CIE Lab	91.10, 1.66, 21.79
CIE LCh	91, 21.850, 85.650
Yxy	78.7064, 0.3548, 0.3693
Android (android.graphics.Color)	4294566844 (0xFFFF9E3BC)
YUV	229.1320, -20.2781, 17.4242
Hunter-Lab	88.7166, -3.1114, 22.8035

Details

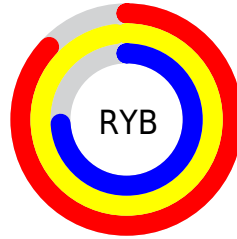
The YIQ color $229.1320, 25.6310, -7.4650$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.8680, -25.6310, 7.4650$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $173.7620, 23.7970, -7.2670$ is the 20% darker color. If you saturate the color by 10%, you get $220.9990, 36.1310, -10.5330$, and if you desaturate by 10%, it is $237.2650, 15.1310, -4.3970$.

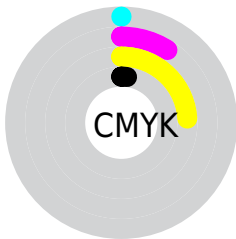
Distribution



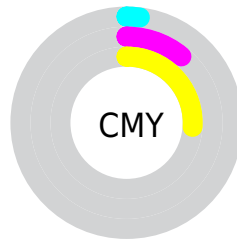
- Red (98%)
- Green (89%)
- Blue (74%)



- Red (87%)
- Yellow (98%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1320, 25.6310, -7.4650 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 229.1320, 25.6310, -7.4650 by changing the saturation by 10% instead.

229.1320, 25.6310,
-7.4650

229.1320, 25.6310,
-7.4650

255.0000, -0.0000,
-0.0000

200.9470, 24.7140,
-7.3660

253.7460, 3.5310,
-3.4210

173.7620, 23.7970,
-7.2670

146.5770, 22.8800,
-7.1680

121.3920, 21.9630,
-7.0690

96.2070, 21.0460,
-6.9700

71.8370, 19.2120,
-6.7720

49.3530, 17.6990,

-6.8850

■ 28.3960, 16.1400,
-6.1640

■ 5.0500, 5.7310,
0.7630

■ 229.1320, 25.6310,
-7.4650

■ 229.1320, 25.6310,
-7.4650

■ 220.9990, 36.1310,
-10.5330

■ 237.2650, 15.1310,
-4.3970

■ 212.8660, 46.6310,
-13.6010

■ 245.3980, 4.6310,
-1.3290

■ 204.7330, 57.1310,
-16.6690

■ 252.6190, -3.3010,
-0.7490

■ 196.6000, 67.6310,
-19.7370

■ 253.2060, -3.5760,
-1.2720

■ 188.5810, 77.8100,
-22.4940

■ 180.4480, 88.3100,
-25.5620

■ 172.3150, 98.8100,
-28.6300

■ 167.7840,
104.6790, -30.3690

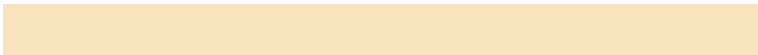
Harmonies

Analogous

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



227.7290, 28.5640, -0.0440



229.1320, 25.6310, -7.4650



226.8200, 8.7140, -14.7580

Triad

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



229.1320, 25.6310, -7.4650



221.6510, -41.8580, -12.3380



233.3410, 9.9460, 17.9940

Complementary

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



229.1320, 25.6310, -7.4650



207.8680, -25.6310, 7.4650

Split Complementary

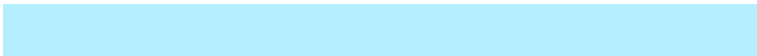
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.6160, -7.2460, 10.1780



229.1320, 25.6310, -7.4650



222.8950, -39.4290, -6.7970

Square

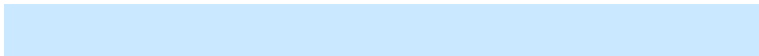
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.1320, 25.6310, -7.4650



222.5350, -30.0280, -17.4840



225.6520, -25.2630, 0.7930



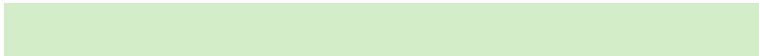
229.0120, 18.0620, 14.0780

Rectangle

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



229.1320, 25.6310, -7.4650



224.7090, -4.2150, -17.2310



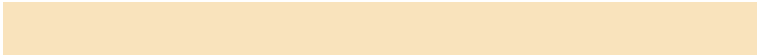
225.6520, -25.2630, 0.7930



232.6500, 4.5820, 16.0860

Sweetspot

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



229.1320, 25.6310, -7.4650



249.4260, 7.4280, -2.4600



208.7470, 29.2940, 19.7740



124.3980, 4.6310, -1.3290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

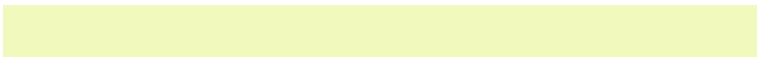
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.1320, 25.6310, -7.4650



230.7150, 31.1790, -8.8930



239.6540, 14.8130, -20.6670



120.5830, 5.5480, -1.4280



127.5380, 79.3690, -23.2150



41.1320, 25.6310, -7.4650

Inverse Universe

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



207.8680, -25.6310, 7.4650



205.2850, -31.1790, 8.8930



197.3460, -14.8130, 20.6670



116.4170, -5.5480, 1.4280



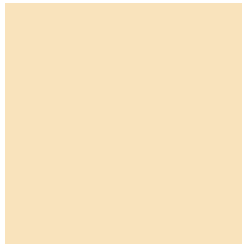
61.4620, -79.3690, 23.2150



19.8680, -25.6310, 7.4650

Previews

White Background



This preview shows how the YIQ color 229.1320, 25.6310, -7.4650 looks on a white background.

Color Contrast Check

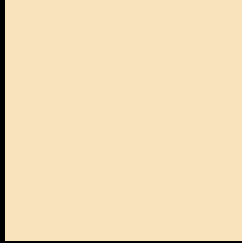
Large Text (above 18pt) WCAG AA × Fail

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 229.1320, 25.6310, -7.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

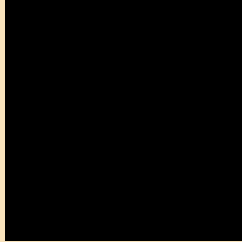
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.1320, 25.6310, -7.4650

Background



This preview shows how black text looks on a background with the YIQ color 229.1320, 25.6310, -7.4650.



This preview shows how white text looks on a background with the YIQ color 229.1320, 25.6310,

-7.4650.

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

229.1320, 25.6310, -7.4650

Protanopia

228.6260, 21.1840, -9.4720

Deuteranopia

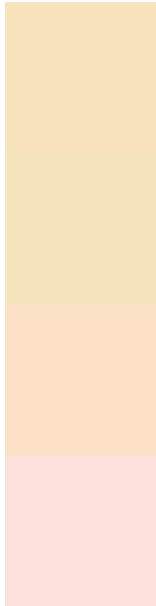
230.8750, 25.2170, 0.0410



Tritanopia

232.4030, 15.4030, 12.7070

Trichromacy



Original Color

229.1320, 25.6310, -7.4650

Protanomaly

228.6370, 22.6510, -8.5250

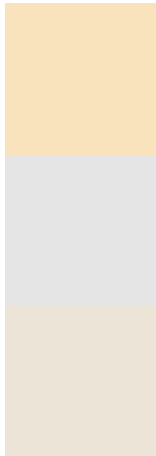
Deuteranomaly

230.2940, 25.3550, -2.4610

Tritanomaly

231.5140, 19.1640, 5.1160

Monochromacy



Original Color

229.1320, 25.6310, -7.4650

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.7960, 9.2620, -2.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1320, 25.6310, -7.4650 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(249, 227, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 188)  
}
```

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(249, 227, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 188) }
```

Border

The CSS property to change the border of an element to YIQ 229.1320, 25.6310, -7.4650 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(249, 227, 188) }
```


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

```
.border{ border-color:rgb(249, 227, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 227, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1320, 25.6310, -7.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 188) }
```

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

```
.background{ background-color: rgb(249,  
227, 188) }
```

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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