

Converting Colors

YIQ(228.2950, 23.6140, -9.4580)

Have a look what the booklet for
YIQ(228.2950, 23.6140, -9.4580)
contains.

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Color

**YIQ(228.2950, 23.6140,
-9.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E4BA
RGB	245, 228, 186
RGB Percent	96%, 89%, 73%
CMY	0.0392, 0.1059, 0.2705
CMYK	0.00, 0.07, 0.24, 0.04
HSL	43°, 75%, 85%
HSV	43°, 24%, 96%
XYZ	74.2652, 78.4425, 57.6990
YIQ	228.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

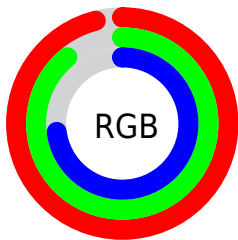
Format	Color
R _Y B	210, 245, 186
Decimal	16114874
CIE Lab	90.98, -0.60, 22.61
CIE LCh	91, 22.614, 91.527
Yxy	78.4425, 0.3530, 0.3728
Android (android.graphics.Color)	4294304954 (0xFFFF5E4BA)
YUV	228.2950, -20.8514, 14.6503
Hunter-Lab	88.5678, -5.3190, 23.3719

Details

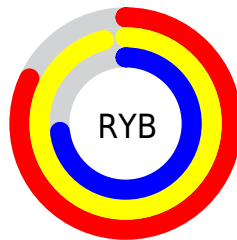
The YIQ color $228.2950, 23.6140, -9.4580$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $202.7050, -23.6140, 9.4580$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, 4.1730, -4.0430$, and $172.9250, 21.7800, -9.2600$ is the 20% darker color. If you saturate the color by 10%, you get $221.4500, 33.2430, -13.2610$, and if you desaturate by 10%, it is $235.2540, 13.6640, -5.3440$.

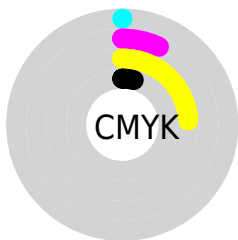
Distribution



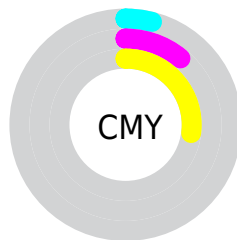
- Red (96%)
- Green (89%)
- Blue (73%)



- Red (82%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.2950, 23.6140, -9.4580 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 228.2950, 23.6140, -9.4580 by changing the saturation by 10% instead.


 228.2950, 23.6140,
-9.4580


 228.2950, 23.6140,
-9.4580


255.0000, -0.0000,
-0.0000


 200.1100, 22.6970,
-9.3590


 253.5180, 4.1730,
-4.0430

 172.9250, 21.7800,
-9.2600

 146.0390, 21.4590,
-8.9490

 119.9680, 20.2210,
-8.5390

 95.3700, 19.0290,
-8.9630

 71.2990, 17.7910,
-8.5530

 48.8150, 16.2780,

-8.6660

■ 28.0860, 14.0770,
-7.3230

■ 3.5440, 1.2840,
-1.2440

■ 228.2950, 23.6140,
-9.4580

■ 228.2950, 23.6140,
-9.4580

■ 221.4500, 33.2430,
-13.2610

■ 235.2540, 13.6640,
-5.3440

■ 214.4910, 43.1930,
-17.3750

■ 242.0990, 4.0350,
-1.5410

■ 207.6460, 52.8220,
-21.1780

■ 248.4880, -4.3100,
1.0180

■ 200.6870, 62.7720,
-25.2920

■ 252.0100, -5.9600,
-2.1200

■ 193.8420, 72.4010,
-29.0950

■ 186.8830, 82.3510,
-33.2090

■ 180.0380, 91.9800,
-37.0120

■ 175.3930, 98.1700,
-39.0620

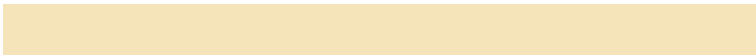
Harmonies

Analogous

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



227.8600, 29.5730, -1.8110



228.2950, 23.6140, -9.4580



225.9120, 5.4590, -16.3410

Triad

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



228.2950, 23.6140, -9.4580



221.2100, -44.9300, -11.7300



232.1240, 12.0550, 18.3190

Complementary

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



228.2950, 23.6140, -9.4580



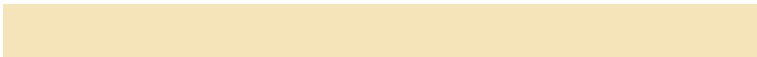
202.7050, -23.6140, 9.4580

Split Complementary

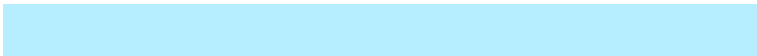
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.2360, -3.1200, 12.4960



228.2950, 23.6140, -9.4580



222.6070, -38.5580, -6.0620

Square

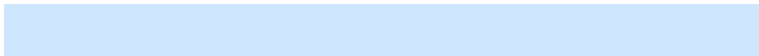
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.2950, 23.6140, -9.4580



221.0830, -34.5670, -17.8230



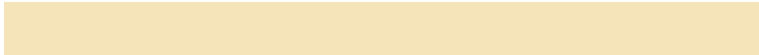
226.2610, -22.6040, 2.1640



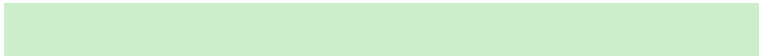
227.9690, 19.6210, 13.3570

Rectangle

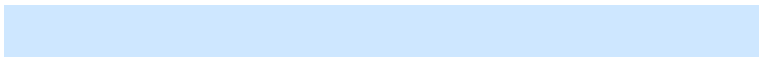
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.2950, 23.6140, -9.4580



223.7300, -8.7080, -18.4040



226.2610, -22.6040, 2.1640



232.6720, 7.5160, 17.9800

Sweetspot

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



228.2950, 23.6140, -9.4580



250.0130, 7.1530, -2.9830



205.6930, 29.3860, 18.1060



124.9850, 4.3560, -1.8520



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.



228.2950, 23.6140, -9.4580



234.2370, 29.5290, -12.0310



234.6860, 11.7870, -20.8930



118.8710, 4.6770, -2.1630



133.0980, 74.5560, -29.6040



42.2950, 23.6140, -9.4580

Inverse Universe

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



202.7050, -23.6140, 9.4580



201.7630, -29.5290, 12.0310



196.3140, -11.7870, 20.8930



113.7160, -4.9520, 1.6400



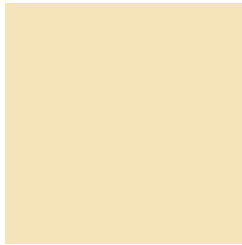
52.9020, -74.5560, 29.6040



16.7050, -23.6140, 9.4580

Previews

White Background



This preview shows how the YIQ color 228.2950, 23.6140, -9.4580 looks on a white background.

Color Contrast Check

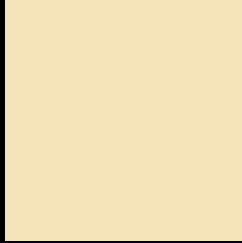
Large Text (above 18pt) WCAG AA × Fail

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 228.2950, 23.6140, -9.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

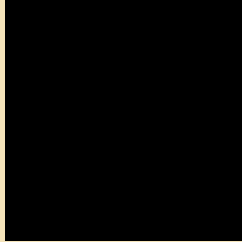
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.2950, 23.6140, -9.4580

Background



This preview shows how black text looks on a background with the YIQ color 228.2950, 23.6140, -9.4580.



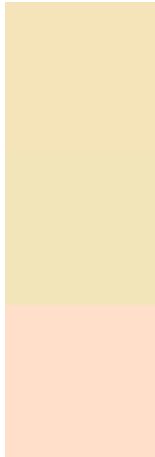
This preview shows how white text looks on a background with the YIQ color 228.2950, 23.6140,

-9.4580.

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

228.2950, 23.6140, -9.4580

Protanopia

228.2840, 22.1470, -10.4050

Deuteranopia

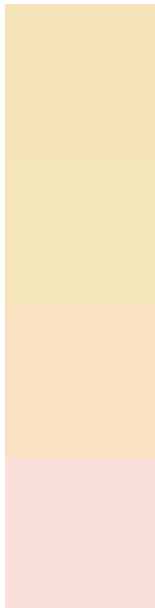
230.1740, 25.8130, 0.2530



Tritanopia

231.9080, 12.4230, 11.6470

Trichromacy



Original Color

228.2950, 23.6140, -9.4580

Protanomaly

228.5830, 22.7430, -10.1930

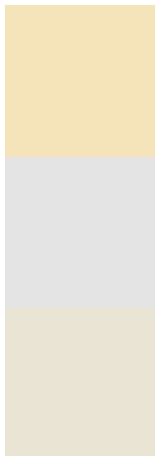
Deuteranomaly

229.4680, 24.8050, -3.5070

Tritanomaly

230.9050, 16.5050, 3.7450

Monochromacy



Original Color

228.2950, 23.6140, -9.4580

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0840, 8.3910, -3.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.2950, 23.6140, -9.4580 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, 228, 186)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 186)  
}
```

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, 228, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 186) }
```

Border

The CSS property to change the border of an element to YIQ 228.2950, 23.6140, -9.4580 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, 228, 186) }
```


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

```
.border{ border-color:rgb(245, 228, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 228, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 228, 186); box-shadow:4px 4px 4px 4px rgb(245, 228, 186) }
```

Background

The CSS property to change the background color of an element to YIQ 228.2950, 23.6140, -9.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 186) }
```

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

```
.background{ background-color: rgb(245,  
228, 186) }
```

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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