

Converting Colors

YIQ(228.7120, 18.0660, -8.0300)

Have a look what the booklet for
YIQ(228.7120, 18.0660, -8.0300)
contains.

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Color

**YIQ(228.7120, 18.0660,
-8.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E5C3
RGB	241, 229, 195
RGB Percent	95%, 90%, 76%
CMY	0.0549, 0.1020, 0.2352
CMYK	0.00, 0.05, 0.19, 0.05
HSL	44°, 62%, 85%
HSV	44°, 19%, 95%
XYZ	74.1473, 78.6781, 62.9230
YIQ	228.7120, 18.0660, -8.0300

Conversions

Conversions Part 2

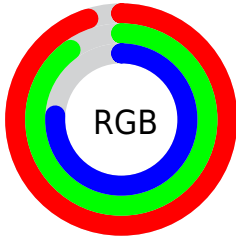
Format	Color
RYB	211, 241, 195
Decimal	15852995
CIELab	91.09, -1.31, 18.05
CIElCh	91, 18.094, 94.145
Yxy	78.6781, 0.3437, 0.3647
Android (android.graphics.Color)	4294043075 (0xFFFF1E5C3)
YUV	228.7120, -16.6200, 10.7766
Hunter-Lab	88.7007, -6.0133, 20.0310

Details

The YIQ color $228.7120, 18.0660, -8.0300$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.2880, -18.0660, 8.0300$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $173.5270, 17.1490, -7.9310$ is the 20% darker color. If you saturate the color by 10%, you get $222.4540, 27.4200, -12.3560$, and if you desaturate by 10%, it is $234.9700, 8.7120, -3.7040$.

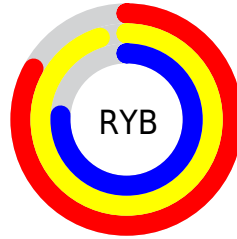
Distribution



Red (95%)

Green (90%)

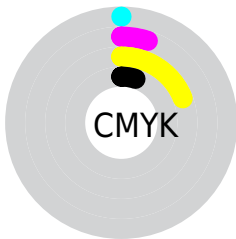
Blue (76%)



Red (83%)

Yellow (95%)

Blue (76%)

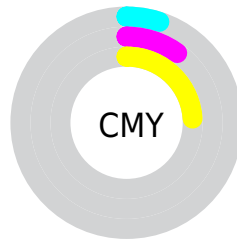


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (5%)



Cyan (5%)

Magenta (10%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7120, 18.0660, -8.0300 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 228.7120, 18.0660, -8.0300 by changing the saturation by 10% instead.

■ 228.7120, 18.0660,
-8.0300

■ 228.7120, 18.0660,
-8.0300

255.0000, -0.0000,
-0.0000

■ 200.5270, 17.1490,
-7.9310

254.6580, 0.9630,
-0.9330

■ 173.5270, 17.1490,
-7.9310

■ 146.4560, 15.9110,
-7.5210

■ 120.5700, 15.5900,
-7.2100

■ 96.2710, 14.9940,
-7.4220

■ 72.2000, 13.7560,
-7.0120

■ 49.1290, 12.5180,

-6.6020

■ 27.7870, 13.4810,
-7.5350

■ 3.8320, 0.4130,
-1.9790

■ 228.7120, 18.0660,
-8.0300

■ 228.7120, 18.0660,
-8.0300

■ 222.4540, 27.4200,
-12.3560

■ 234.9700, 8.7120,
-3.7040

■ 215.6090, 37.0490,
-16.1590

■ 241.8150, -0.9170,
0.0990

■ 209.3510, 46.4030,
-20.4850

■ 246.7050, -6.4190,
0.6930

■ 203.0930, 55.7570,
-24.8110

■ 250.2270, -8.0690,
-2.4450

■ 196.8350, 65.1110,
-29.1370

■ 250.8140, -8.3440,
-2.9680

■ 189.8760, 75.0610,
-33.2510

■ 183.6180, 84.4150,
-37.5770

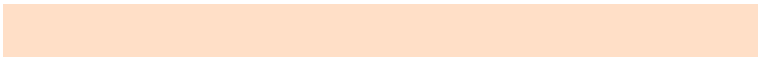
■ 177.3600, 93.7690,
-41.9030

■ 176.5450, 94.6860,
-42.0020

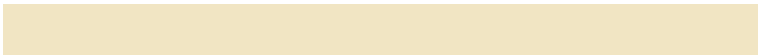
Harmonies

Analogous

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



229.8320, 26.7760, -0.6800



228.7120, 18.0660, -8.0300



226.3510, 2.8450, -13.0190

Triad

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



228.7120, 18.0660, -8.0300



223.8800, -35.0730, -8.6490



233.0160, 12.2390, 14.9830

Complementary

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



228.7120, 18.0660, -8.0300



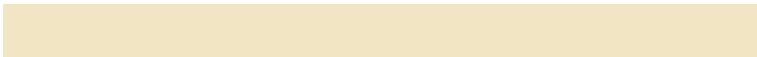
207.2880, -18.0660, 8.0300

Split Complementary

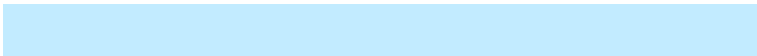
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.1220, -2.7990, 12.1850



228.7120, 18.0660, -8.0300



225.0210, -30.8560, -2.4720

Square

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



228.7120, 18.0660, -8.0300



223.4260, -28.1030, -13.8230



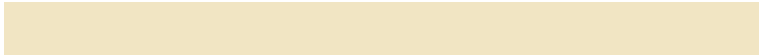
228.0660, -17.5610, 4.3830



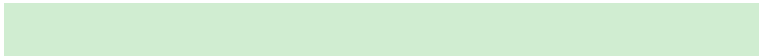
230.2030, 18.8420, 10.9540

Rectangle

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



228.7120, 18.0660, -8.0300



225.1370, -8.2960, -14.8560



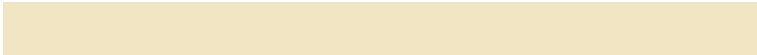
228.0660, -17.5610, 4.3830



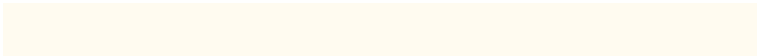
232.6780, 7.3790, 14.9550

Sweetspot

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



228.7120, 18.0660, -8.0300



250.9420, 5.9150, -2.5730



210.1220, 23.5640, 13.4840



125.2130, 3.7140, -1.2300



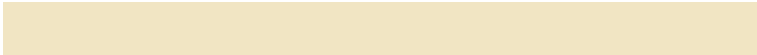
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



228.7120, 18.0660, -8.0300



239.4690, 23.0640, -10.5040



232.4670, 8.2100, -16.6380



116.8710, 4.6770, -2.1630



134.8480, 72.2640, -32.1200



40.8110, 22.1010, -9.5710

Inverse Universe

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



207.2880, -18.0660, 8.0300



212.1180, -23.3390, 9.9810



203.5330, -8.2100, 16.6380



111.1290, -4.6770, 2.1630



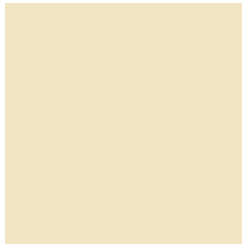
49.1520, -72.2640, 32.1200



15.1890, -22.1010, 9.5710

Previews

White Background



This preview shows how the YIQ color 228.7120, 18.0660, -8.0300 looks on a white background.

Color Contrast Check

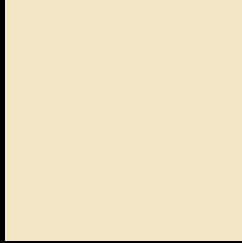
Large Text (above 18pt) WCAG AA × Fail

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 228.7120, 18.0660, -8.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

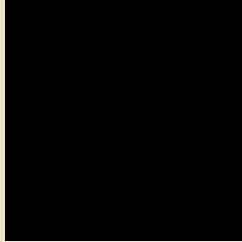
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.7120, 18.0660, -8.0300

Background



This preview shows how black text looks on a background with the YIQ color 228.7120, 18.0660, -8.0300.



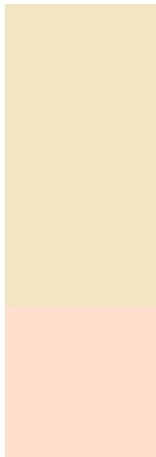
This preview shows how white text looks on a background with the YIQ color 228.7120, 18.0660,

-8.0300.

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

228.7120, 18.0660, -8.0300

Protanopia

228.7120, 18.0660, -8.0300

Deuteranopia

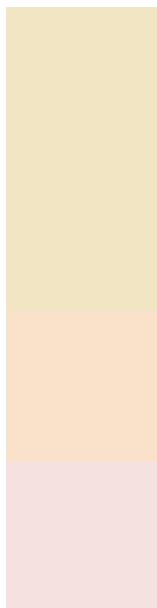
230.6300, 24.5290, 1.4970



Tritanopia

232.1140, 8.8470, 10.3750

Trichromacy



Original Color

228.7120, 18.0660, -8.0300

Protanomaly

228.7120, 18.0660, -8.0300

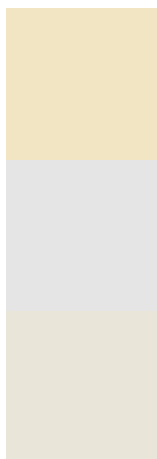
Deuteranomaly

229.8530, 22.2830, -1.8530

Tritanomaly

230.8660, 12.2410, 3.9290

Monochromacy



Original Color

228.7120, 18.0660, -8.0300

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8280, 6.2360, -2.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7120, 18.0660, -8.0300 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(241, 229, 195)` looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 195)  
}
```

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(241, 229, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 195) }
```

Border

The CSS property to change the border of an element to YIQ 228.7120, 18.0660, -8.0300 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(241, 229, 195) }
```


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

```
.border{ border-color:rgb(241, 229, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 229, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 195);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7120, 18.0660, -8.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 195) }
```

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

```
.background{ background-color: rgb(241,  
229, 195) }
```

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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