

Converting Colors

YIQ(228.8060, 12.4700, 5.2860)

Have a look what the booklet for
YIQ(228.8060, 12.4700, 5.2860)
contains.

| | |
|--|----|
| YIQ(228.8060, 12.4700, 5.2860) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(228.8060, 12.4700,
5.2860)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4DEE0 |
| RGB | 244, 222, 224 |
| RGB Percent | 96%, 87%, 88% |
| CMY | 0.0431, 0.1294, 0.1215 |
| CMYK | 0.00, 0.09, 0.08, 0.04 |
| HSL | 354°, 50%, 91% |
| HSV | 355°, 9%, 96% |
| XYZ | 76.8880, 76.8557, 81.3119 |
| YIQ | 228.8060, 12.4700, 5.2860 |

Conversions

Conversions Part 2

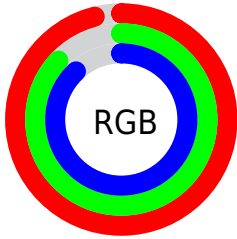
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 244, 222, 224 |
| Decimal | 16047840 |
| CIE Lab | 90.26, 7.89, 1.75 |
| CIE LCh | 90, 8.078, 12.488 |
| Yxy | 76.8557, 0.3271, 0.3270 |
| Android (android.graphics.Color) | 4294237920 (0xFFFF4DEE0) |
| YUV | 228.8060, -2.3694, 13.3251 |
| Hunter-Lab | 87.6674, 3.1342, 6.3754 |

Details

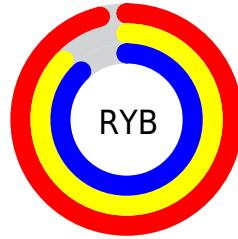
The YIQ color $228.8060, 12.4700, 5.2860$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $237.1940, -12.4700, -5.2860$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.5070, 11.8740, 5.0740$ is the 20% darker color. If you saturate the color by 10%, you get $212.2100, 26.1320, 10.9960$, and if you desaturate by 10%, it is $245.4020, -1.1920, -0.4240$.

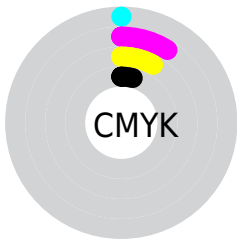
Distribution



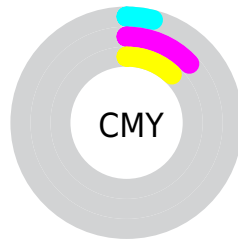
- Red (96%)
- Green (87%)
- Blue (88%)



- Red (96%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8060, 12.4700, 5.2860 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 228.8060, 12.4700, 5.2860 by changing the saturation by 10% instead.

228.8060, 12.4700,
5.2860

228.8060, 12.4700,
5.2860

255.0000, -0.0000,
-0.0000

200.8060, 12.4700,
5.2860

173.5070, 11.8740,
5.0740

147.0940, 11.5990,
4.5510

120.9090, 10.6820,
4.6500

95.9090, 10.6820,
4.6500

72.3110, 9.4900,
4.2260

50.0120, 8.8940,

4.0140

■ 28.7130, 8.2980,
3.8020

■ 5.6810, 11.3240,
4.0280

■ 228.8060, 12.4700,
5.2860

■ 228.8060, 12.4700,
5.2860

■ 212.2100, 26.1320,
10.9960

■ 245.4020, -1.1920,
-0.4240

■ 195.0270, 40.0690,
17.2290

■ 251.7110, -6.5560,
-2.3320

■ 178.4310, 53.7310,
22.9390

■ 161.1340, 67.9890,
28.8610

■ 144.5380, 81.6510,
34.5710

■ 127.9420, 95.3130,
40.2810

■ 110.7590,
109.2500, 46.5140

■ 94.1630, 122.9120,
52.2240

■ 76.9800, 136.8490,
58.4570

Harmonies

Analogous

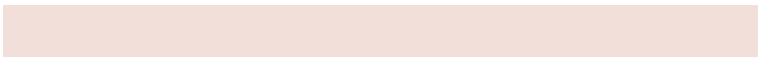
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5220, 7.5180, 6.9260



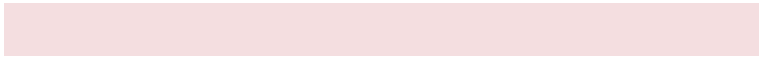
228.8060, 12.4700, 5.2860



228.2960, 13.8460, 2.3740

Triad

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



228.8060, 12.4700, 5.2860



225.7130, -0.8700, -6.2620



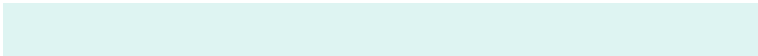
226.2960, -12.5170, 1.0750

Complementary

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



228.8060, 12.4700, 5.2860



237.1940, -12.4700, -5.2860

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.



225.1060, -15.0380, -2.7980



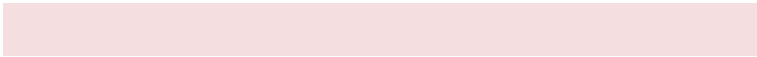
228.8060, 12.4700, 5.2860



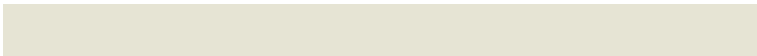
224.5920, -7.8390, -6.6150

Square

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



228.8060, 12.4700, 5.2860



226.7740, 6.3280, -4.5520



224.8950, -13.0660, -5.4980



227.5140, -7.1990, 3.8170

Rectangle

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



228.8060, 12.4700, 5.2860



227.6440, 12.7460, 0.2820



224.8950, -13.0660, -5.4980



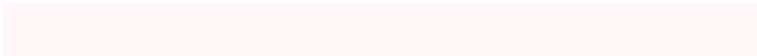
225.7580, -13.9380, -0.7060

Sweetspot

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



228.8060, 12.4700, 5.2860



249.5060, 4.4470, 2.0070



230.4880, 4.8580, 11.0820



123.9080, 3.2550, 1.5830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

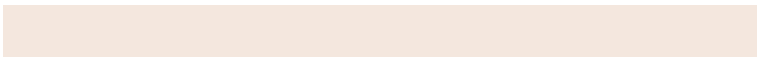
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.8060, 12.4700, 5.2860



235.7140, 15.7250, 6.8690



233.8610, 10.6370, -0.0430



113.7020, 6.8310, 2.8550



57.5520, 105.3990, 44.7190



18.2110, 33.5590, 14.0630

Inverse Universe

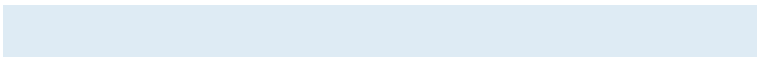
The Inverse Universe completely reimagines the original color for something new.



228.8060, 12.4700, 5.2860



235.7140, 15.7250, 6.8690



232.1390, -10.6370, 0.0430



113.7020, 6.8310, 2.8550



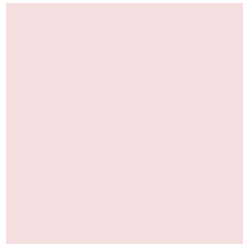
57.5520, 105.3990, 44.7190



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 228.8060, 12.4700, 5.2860 looks on a white background.

Color Contrast Check

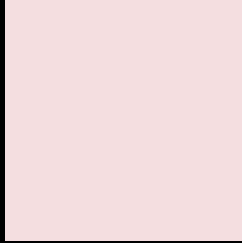
Large Text (above 18pt) WCAG AA × Fail

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 228.8060, 12.4700, 5.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

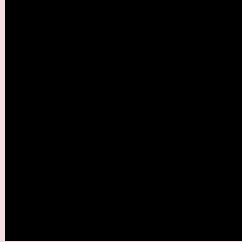
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

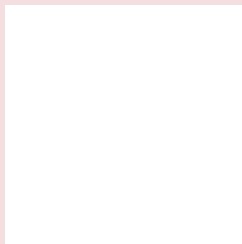
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.8060, 12.4700, 5.2860

Background



This preview shows how black text looks on a background with the YIQ color 228.8060, 12.4700, 5.2860.



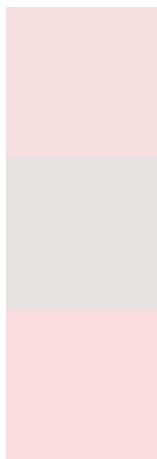
This preview shows how white text looks on a background with the YIQ color 228.8060, 12.4700,

5.2860.

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

228.8060, 12.4700, 5.2860

Protanopia

227.4950, 2.9800, 1.0600

Deuteranopia

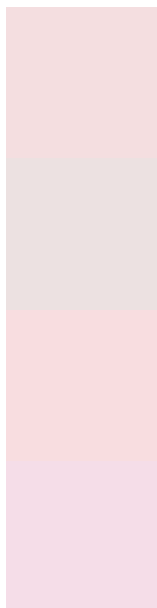
229.4260, 16.5960, 7.6040



Tritanopia

229.7120, 10.0390, 10.7990

Trichromacy



Original Color

228.8060, 12.4700, 5.2860

Protanomaly

228.2890, 6.5560, 2.3320

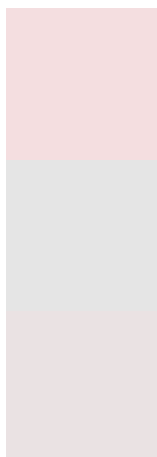
Deuteranomaly

229.4150, 15.1290, 6.6570

Tritanomaly

229.4300, 10.7730, 8.5090

Monochromacy



Original Color

228.8060, 12.4700, 5.2860

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.5060, 4.4470, 2.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.8060, 12.4700, 5.2860 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(244, 222, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 224)  
}
```

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(244, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 224) }
```

Border

The CSS property to change the border of an element to YIQ 228.8060, 12.4700, 5.2860 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(244, 222, 224) }
```


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

```
.border{ border-color:rgb(244, 222, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 222, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8060, 12.4700, 5.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 224) }
```

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

```
.background{ background-color: rgb(244,  
222, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor