

Converting Colors

YIQ(227.0450, 13.2950, 6.8550)

Have a look what the booklet for
YIQ(227.0450, 13.2950, 6.8550)
contains.

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Color

**YIQ(227.0450, 13.2950,
6.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DBE0
RGB	244, 219, 224
RGB Percent	96%, 86%, 88%
CMY	0.0431, 0.1412, 0.1215
CMYK	0.00, 0.10, 0.08, 0.04
HSL	348°, 53%, 91%
HSV	348°, 10%, 96%
XYZ	76.0988, 75.2760, 81.0488
YIQ	227.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

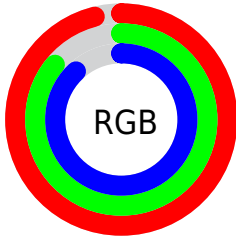
Format	Color
R_{YB}	244, 219, 224
Decimal	16047072
CIE Lab	89.52, 9.45, 0.68
CIE LCh	90, 9.471, 4.110
Yxy	75.2760, 0.3274, 0.3239
Android (android.graphics.Color)	4294237152 (0xFFF4DBE0)
YUV	227.0450, -1.5012, 14.8695
Hunter-Lab	86.7617, 4.7294, 5.3473

Details

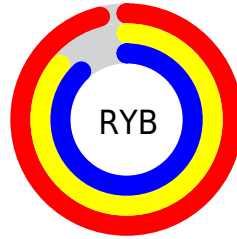
The YIQ color $227.0450, 13.2950, 6.8550$ is a light color, and the websafe version is hex $FFCCCC$. A complement of this color would be $235.9550, -13.2950, -6.8550$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.7460, 12.6990, 6.6430$ is the 20% darker color. If you saturate the color by 10%, you get $210.7910, 25.9940, 13.4980$, and if you desaturate by 10%, it is $243.4130, 0.2750, 0.5230$.

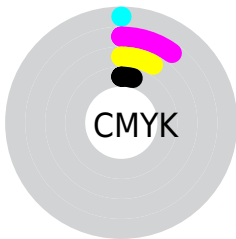
Distribution



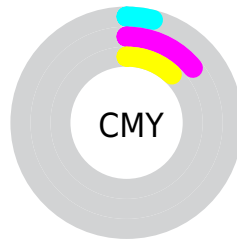
- Red (96%)
- Green (86%)
- Blue (88%)



- Red (96%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.0450, 13.2950, 6.8550 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 227.0450, 13.2950, 6.8550 by changing the saturation by 10% instead.


 227.0450, 13.2950,
6.8550


 227.0450, 13.2950,
6.8550


255.0000, -0.0000,
-0.0000


 199.0450, 13.2950,
6.8550

 171.7460, 12.6990,
6.6430

 145.3330, 12.4240,
6.1200

 119.1480, 11.5070,
6.2190

 94.7350, 11.2320,
5.6960

 70.5500, 10.3150,
5.7950

 48.2510, 9.7190,

5.5830

■ 27.5390, 8.8480,
4.8480

■ 5.3820, 10.7280,
3.8160

■ 227.0450, 13.2950,
6.8550

■ 227.0450, 13.2950,
6.8550

■ 210.7910, 25.9940,
13.4980

■ 243.4130, 0.2750,
0.5230

■ 193.8360, 39.2890,
20.3530

■ 251.7110, -6.5560,
-2.3320

■ 177.4680, 52.3090,
26.6850

■ 160.6270, 65.2830,
33.8510

■ 144.2590, 78.3030,
40.1830

■ 128.0050, 91.0020,
46.8260

■ 111.0500,
104.2970, 53.6810

■ 94.7960, 116.9960,
60.3240

■ 78.5420, 129.6950,
66.9670

Harmonies

Analogous

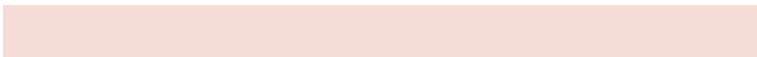
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.8640, 6.5550, 7.8590



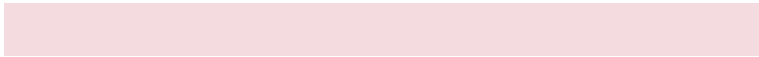
227.0450, 13.2950, 6.8550



226.9050, 16.5050, 3.7450

Triad

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



227.0450, 13.2950, 6.8550



223.8550, 1.6060, -7.0820



223.5020, -16.0930, -0.1970

Complementary

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



227.0450, 13.2950, 6.8550



235.9550, -13.2950, -6.8550

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.



222.4970, -17.6970, -4.1690



227.0450, 13.2950, 6.8550



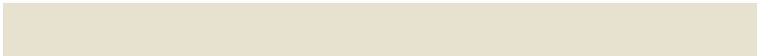
222.8370, -7.1510, -8.0710

Square

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



227.0450, 13.2950, 6.8550



224.7420, 9.3540, -4.3260



222.3570, -14.4870, -7.2790



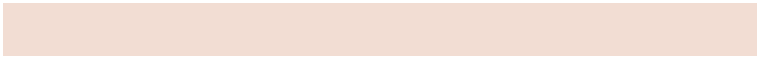
224.6600, -10.5460, 3.9020

Rectangle

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



227.0450, 13.2950, 6.8550



226.1390, 15.7260, 1.3420



222.3570, -14.4870, -7.2790



223.2630, -16.9180, -1.7660

Sweetspot

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



227.0450, 13.2950, 6.8550



249.6200, 4.1260, 2.3180



227.8300, 3.8950, 12.0150



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.



227.0450, 13.2950, 6.8550



234.0670, 16.2290, 8.7490



230.5840, 12.9750, 1.6390



113.9300, 6.1890, 3.4770



59.8320, 98.9790, 50.9390



19.0090, 31.3120, 16.2400

Inverse Universe

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



227.0450, 13.2950, 6.8550



234.0670, 16.2290, 8.7490



232.4160, -12.9750, -1.6390



113.9300, 6.1890, 3.4770



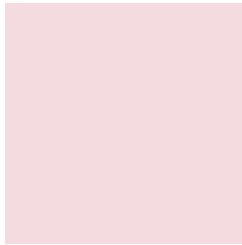
59.8320, 98.9790, 50.9390



19.0090, 31.3120, 16.2400

Previews

White Background



This preview shows how the YIQ color 227.0450, 13.2950, 6.8550 looks on a white background.

Color Contrast Check

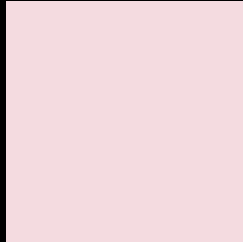
Large Text (above 18pt) WCAG AA × Fail

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 227.0450, 13.2950, 6.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

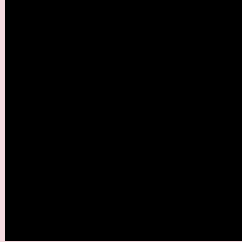
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.0450, 13.2950, 6.8550

Background



This preview shows how black text looks on a background with the YIQ color 227.0450, 13.2950, 6.8550.



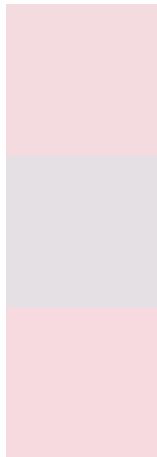
This preview shows how white text looks on a background with the YIQ color 227.0450, 13.2950,

6.8550.

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

227.0450, 13.2950, 6.8550

Protanopia

225.5380, 1.4210, 1.7810

Deuteranopia

227.3550, 15.3580, 8.0140



Tritanopia

227.3100, 11.2310, 11.2230

Trichromacy



Original Color

227.0450, 13.2950, 6.8550

Protanomaly

226.0440, 5.8680, 3.7880

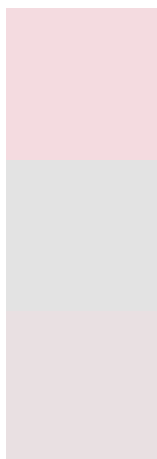
Deuteranomaly

227.0560, 14.7620, 7.8020

Tritanomaly

227.4410, 12.2400, 9.4560

Monochromacy



Original Color

227.0450, 13.2950, 6.8550

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9190, 4.7220, 2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.0450, 13.2950, 6.8550 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, 219, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 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, 219, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 224) }
```

Border

The CSS property to change the border of an element to YIQ 227.0450, 13.2950, 6.8550 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, 219, 224) }
```


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

```
.border{ border-color:rgb(244, 219, 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, 219, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 227.0450, 13.2950, 6.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 224) }
```

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

```
.background{ background-color: rgb(244,  
219, 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](#).

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