

Converting Colors

YIQ(227.0540, 26.2710, 2.9670)

Have a look what the booklet for
YIQ(227.0540, 26.2710, 2.9670)
contains.

| | |
|--|----|
| YIQ(227.0540, 26.2710, 2.9670) | 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(227.0540, 26.2710,
2.9670)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FEDACB |
| RGB | 254, 218, 203 |
| RGB Percent | 100%, 85%, 80% |
| CMY | 0.0038, 0.1451, 0.2038 |
| CMYK | 0.00, 0.14, 0.20, 0.00 |
| HSL | 18°, 96%, 90% |
| HSV | 18°, 20%, 100% |
| XYZ | 76.7307, 75.5226, 67.0516 |
| YIQ | 227.0540, 26.2710, 2.9670 |

Conversions

Conversions Part 2

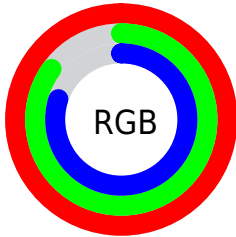
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 254, 224, 203 |
| Decimal | 16702155 |
| CIE Lab | 89.64, 10.23, 11.98 |
| CIE LCh | 90, 15.753, 49.494 |
| Yxy | 75.5226, 0.3499, 0.3444 |
| Android (android.graphics.Color) | 4294892235 (0xFF FEDACB) |
| YUV | 227.0540, -11.8586, 23.6316 |
| Hunter-Lab | 86.9038, 5.5229, 15.0868 |

Details

The YIQ color $227.0540, 26.2710, 2.9670$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $229.9460, -26.2710, -2.9670$, 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 $171.5700, 24.7580, 2.8540$ is the 20% darker color. If you saturate the color by 10%, you get $213.6380, 39.2460, 4.6060$, and if you desaturate by 10%, it is $240.4700, 13.2960, 1.3280$.

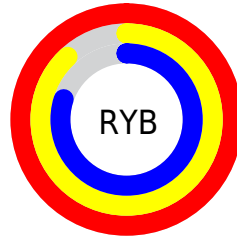
Distribution



Red (100%)

Green (85%)

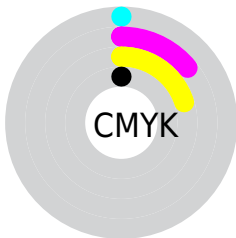
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

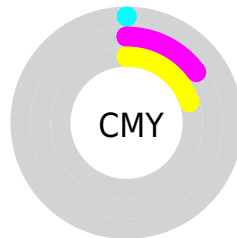


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.0540, 26.2710, 2.9670 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 227.0540, 26.2710, 2.9670 by changing the saturation by 10% instead.


 227.0540, 26.2710,
2.9670


 227.0540, 26.2710,
2.9670


255.0000, -0.0000,
-0.0000


 198.8690, 25.3540,
3.0660

 171.5700, 24.7580,
2.8540

 144.9720, 23.5660,
2.4300

 118.7870, 22.6490,
2.5290

 94.1890, 21.4570,
2.1050

 70.7050, 19.9440,
1.9920

 48.2210, 18.4310,

1.8790

■ 26.1670, 18.5230,
0.2110

■ 5.9800, 11.9200,
4.2400

■ 227.0540, 26.2710,
2.9670

■ 227.0540, 26.2710,
2.9670

■ 213.6380, 39.2460,
4.6060

■ 240.4700, 13.2960,
1.3280

■ 200.1080, 52.5420,
5.9340

■ 254.0000, -0.0000,
-0.0000

■ 186.6920, 65.5170,
7.5730

■ 254.7010, -0.5960,
-0.2120

■ 173.1620, 78.8130,
8.9010

■ 159.7460, 91.7880,
10.5400

■ 146.3300,
104.7630, 12.1790

■ 132.8000,
118.0590, 13.5070

■ 119.9710,
130.7590, 14.6230

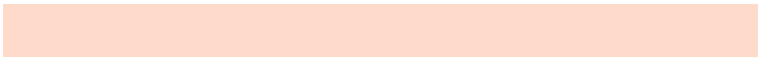
Harmonies

Analogous

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



227.0740, 23.5190, 8.7910



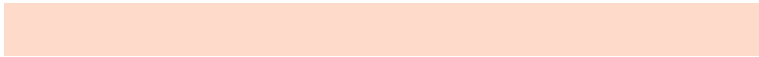
227.0540, 26.2710, 2.9670



225.3150, 20.8620, -3.6340

Triad

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



227.0540, 26.2710, 2.9670



220.6290, -18.4290, -12.9330



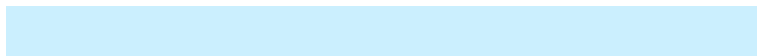
226.2350, -10.5470, 9.4290

Complementary

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



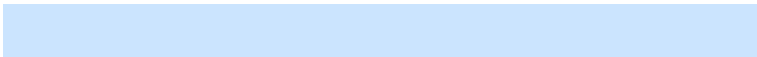
227.0540, 26.2710, 2.9670



229.9460, -26.2710, -2.9670

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.



223.4890, -23.2460, 2.7860



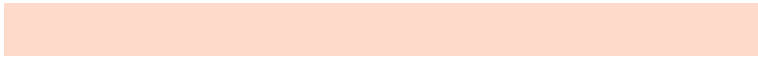
227.0540, 26.2710, 2.9670



220.0610, -28.3330, -9.6530

Square

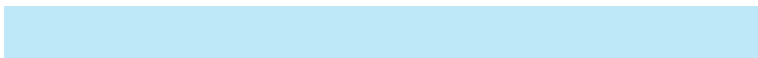
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.0540, 26.2710, 2.9670



222.3440, -4.4450, -13.0610



221.2660, -30.1680, -3.9280



228.2430, 4.1700, 12.5380

Rectangle

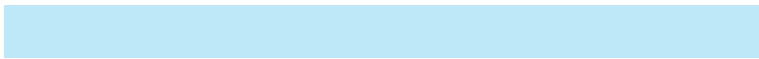
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.0540, 26.2710, 2.9670



224.6730, 13.8020, -7.8460



221.2660, -30.1680, -3.9280



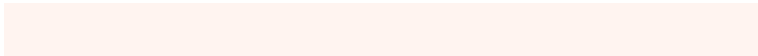
225.4300, -15.5900, 7.2100

Sweetspot

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



227.0540, 26.2710, 2.9670



246.8330, 7.8400, 1.0880



222.4670, 18.5190, 22.3190



122.8650, 4.8140, 0.8620



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.



227.0540, 26.2710, 2.9670



222.8050, 31.4060, 3.5180



241.7290, 19.3960, -10.1080



120.6480, 6.9230, 1.1870



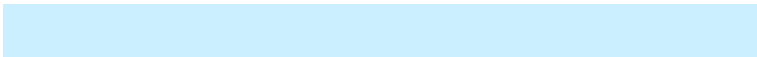
89.9810, 98.4360, 11.2040



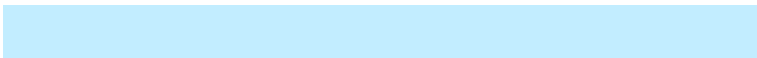
30.2890, 32.9190, 3.6310

Inverse Universe

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



229.9460, -26.2710, -2.9670



226.1950, -31.4060, -3.5180



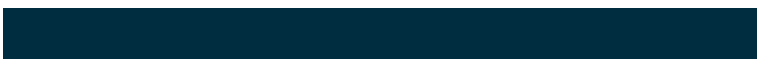
215.2710, -19.3960, 10.1080



121.7650, -6.6480, -0.6640



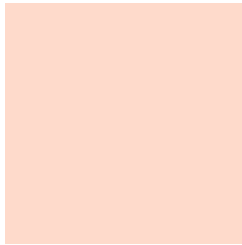
101.0190, -98.4360, -11.2040



33.7110, -32.9190, -3.6310

Previews

White Background



This preview shows how the YIQ color 227.0540, 26.2710, 2.9670 looks on a white background.

Color Contrast Check

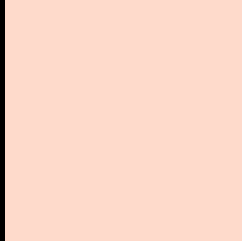
Large Text (above 18pt) WCAG AA × Fail

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 227.0540, 26.2710, 2.9670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

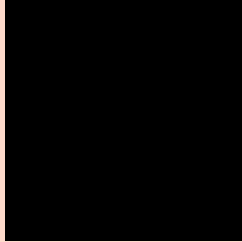
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.0540, 26.2710, 2.9670

Background



This preview shows how black text looks on a background with the YIQ color 227.0540, 26.2710, 2.9670.



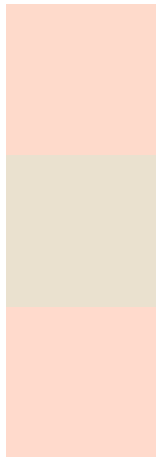
This preview shows how white text looks on a background with the YIQ color 227.0540, 26.2710,

2.9670.

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

227.0540, 26.2710, 2.9670

Protanopia

225.6390, 11.1420, -3.6900

Deuteranopia

227.4670, 26.5460, 3.4900



Tritanopia

228.6700, 19.0250, 13.1450

Trichromacy



Original Color

227.0540, 26.2710, 2.9670

Protanomaly

225.8570, 16.4600, -0.9480

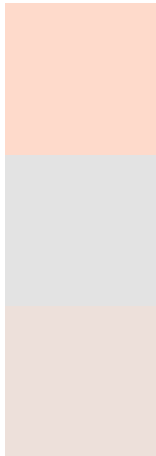
Deuteranomaly

227.4670, 26.5460, 3.4900

Tritanomaly

228.1170, 21.9600, 9.5120

Monochromacy



Original Color

227.0540, 26.2710, 2.9670

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.0540, 26.2710, 2.9670 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(254, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 203)  
}
```

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(254, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 203) }
```

Border

The CSS property to change the border of an element to YIQ 227.0540, 26.2710, 2.9670 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(254, 218, 203) }
```


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

```
.border{ border-color:rgb(254, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 227.0540, 26.2710, 2.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 203) }
```

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

```
.background{ background-color: rgb(254,  
218, 203) }
```

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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