

Converting Colors

YIQ(245.2030, 9.6740, 0.8900)

Have a look what the booklet for
YIQ(245.2030, 9.6740, 0.8900)
contains.

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Color

**YIQ(245.2030, 9.6740,
0.8900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFF2EC |
| RGB | 255, 242, 236 |
| RGB Percent | 100%, 95%, 93% |
| CMY | 0.0000, 0.0510, 0.0745 |
| CMYK | 0.00, 0.05, 0.07, 0.00 |
| HSL | 19°, 100%, 96% |
| HSV | 19°, 7%, 100% |
| XYZ | 88.1324, 90.8178, 92.2497 |
| YIQ | 245.2030, 9.6740, 0.8900 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 245, 236 |
| Decimal | 16773868 |
| CIE Lab | 96.33, 3.37, 4.43 |
| CIE LCh | 96, 5.566, 52.787 |
| Yxy | 90.8178, 0.3250, 0.3349 |
| Android (android.graphics.Color) | 4294963948 (0xFFFFF2EC) |
| YUV | 245.2030, -4.5371, 8.5920 |
| Hunter-Lab | 95.2984, -1.6944, 9.3155 |

Details

The YIQ color $245.2030, 9.6740, 0.8900$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.7970, -9.6740, -0.8900$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.9040, 9.0780, 0.6780$ is the 20% darker color. If you saturate the color by 10%, you get $232.3740, 22.3740, 2.0060$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

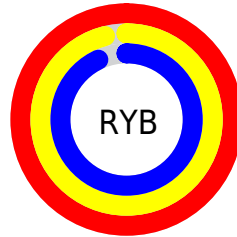
Distribution



Red (100%)

Green (95%)

Blue (93%)



Red (100%)

Yellow (96%)

Blue (93%)



Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.2030, 9.6740, 0.8900 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 245.2030, 9.6740, 0.8900 by changing the saturation by 10% instead.

 245.2030, 9.6740,
0.8900

 245.2030, 9.6740,
0.8900


255.0000, -0.0000,
-0.0000


 216.9040, 9.0780,
0.6780

 188.9040, 9.0780,
0.6780

 161.9040, 9.0780,
0.6780

 135.7190, 8.1610,
0.7770

 110.7190, 8.1610,
0.7770

 85.8330, 7.8400,
1.0880

 62.5340, 7.2440,

0.8760

■ 41.1210, 6.9690,
0.3530

■ 20.0070, 7.2900,
0.0420

■ 245.2030, 9.6740,
0.8900

■ 245.2030, 9.6740,
0.8900

■ 232.3740, 22.3740,
2.0060

255.0000, -0.0000,
-0.0000

■ 218.8440, 35.6700,
3.3340

■ 206.0150, 48.3700,
4.4500

■ 192.4850, 61.6660,
5.7780

■ 179.6560, 74.3660,
6.8940

■ 166.1260, 87.6620,
8.2220

■ 153.2970,
100.3620, 9.3380

■ 139.7670,
113.6580, 10.6660

■ 126.9380,
126.3580, 11.7820

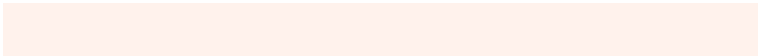
Harmonies

Analogous

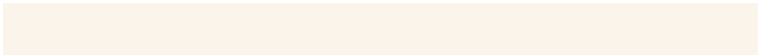
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.0720, 8.6650, 2.6570



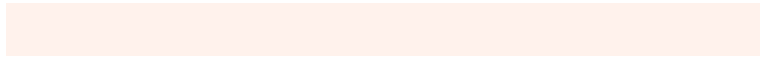
245.2030, 9.6740, 0.8900



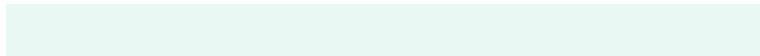
244.9530, 7.3820, -1.6260

Triad

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



245.2030, 9.6740, 0.8900



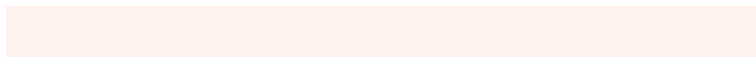
243.2440, -6.7390, -4.5230



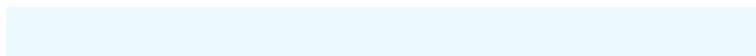
244.5530, -2.9350, 3.6330

Complementary

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



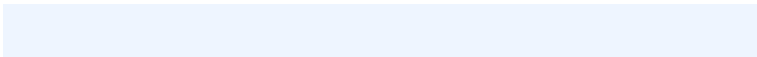
245.2030, 9.6740, 0.8900



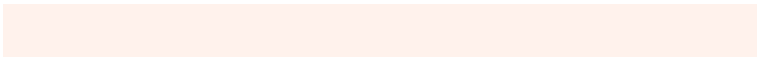
245.7970, -9.6740, -0.8900

Split Complementary

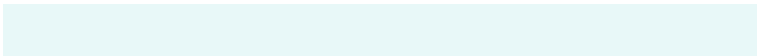
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.0470, -7.3820, 1.6260



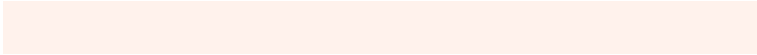
245.2030, 9.6740, 0.8900



243.2160, -9.5360, -3.3920

Square

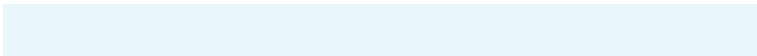
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.2030, 9.6740, 0.8900



243.2830, -2.4750, -4.7070



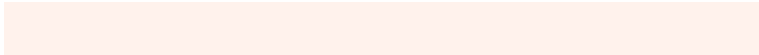
243.4980, -10.2700, -1.1020



245.4180, 1.8790, 4.4950

Rectangle

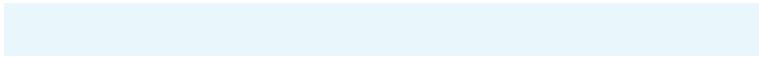
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.2030, 9.6740, 0.8900



244.3440, 4.7230, -2.9970



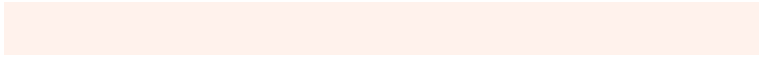
243.4980, -10.2700, -1.1020



244.6560, -4.7230, 2.9970

Sweetspot

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



245.2030, 9.6740, 0.8900



252.6690, 2.4300, 0.0140



243.1630, 7.1510, 8.0710



126.4840, 1.5130, 0.1130



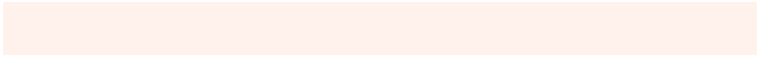
0.0000, 0.0000, 0.0000



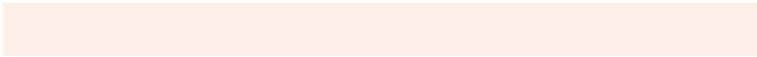
128.0000, -0.0000, -0.0000

Same Dimension

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



245.2030, 9.6740, 0.8900



242.9860, 11.7830, 1.2150



250.4860, 7.1990, -3.8170



121.2350, 6.6480, 0.6640



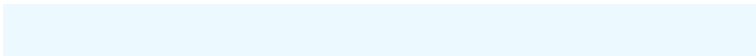
92.3290, 97.3360, 9.1120



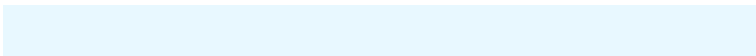
30.8760, 32.6440, 3.1080

Inverse Universe

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



245.7970, -9.6740, -0.8900



244.0140, -11.7830, -1.2150



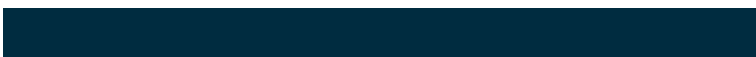
240.5140, -7.1990, 3.8170



121.1780, -6.3730, -0.1410



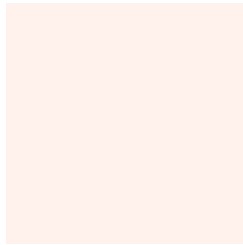
98.6710, -97.3360, -9.1120



33.1240, -32.6440, -3.1080

Previews

White Background



This preview shows how the YIQ color 245.2030, 9.6740, 0.8900 looks on a white background.

Color Contrast Check

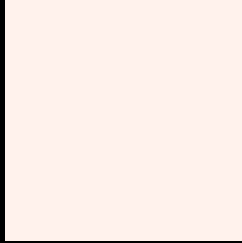
Large Text (above 18pt) WCAG AA × Fail

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 245.2030, 9.6740, 0.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

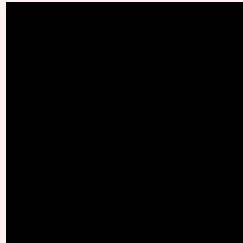
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

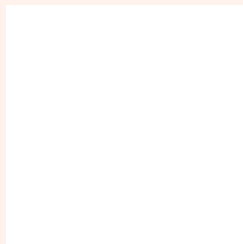
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.2030, 9.6740, 0.8900

Background



This preview shows how black text looks on a background with the YIQ color 245.2030, 9.6740, 0.8900.



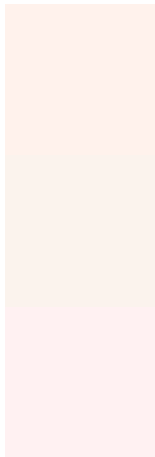
This preview shows how white text looks on a background with the YIQ color 245.2030, 9.6740,

0.8900.

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

245.2030, 9.6740, 0.8900

Protanopia

244.7080, 6.6940, -0.1700

Deuteranopia

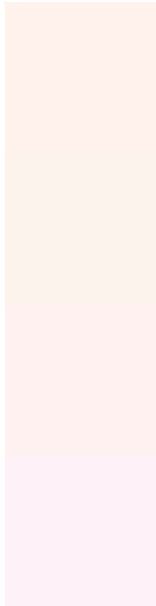
245.3000, 8.0230, 3.2790



Tritanopia

246.1950, 4.1250, 7.8450

Trichromacy



Original Color

245.2030, 9.6740, 0.8900

Protanomaly

245.0070, 7.2900, 0.0420

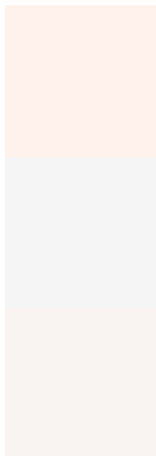
Deuteranomaly

245.0720, 8.6650, 2.6570

Tritanomaly

245.9840, 6.0970, 5.1450

Monochromacy



Original Color

245.2030, 9.6740, 0.8900

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.2030, 9.6740, 0.8900 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(255, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 236)  
}
```

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(255, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 236) }
```

Border

The CSS property to change the border of an element to YIQ 245.2030, 9.6740, 0.8900 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(255, 242, 236) }
```


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

```
.border{ border-color:rgb(255, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 245.2030, 9.6740, 0.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 236) }
```

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

```
.background{ background-color: rgb(255,  
242, 236) }
```

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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