

Converting Colors

YIQ(245.1690, 7.0140, 5.0460)

Have a look what the booklet for
YIQ(245.1690, 7.0140, 5.0460)
contains.

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Color

**YIQ(245.1690, 7.0140,
5.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F6
RGB	255, 240, 246
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0588, 0.0353
CMYK	0.00, 0.06, 0.04, 0.00
HSL	336°, 100%, 97%
HSV	336°, 6%, 100%
XYZ	89.0337, 90.2307, 99.9172
YIQ	245.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

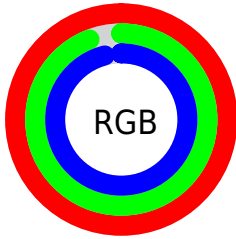
Format	Color
R _Y B	255, 240, 246
Decimal	16773366
CIE Lab	96.09, 6.07, -1.09
CIE LCh	96, 6.165, 349.819
Yxy	90.2307, 0.3189, 0.3232
Android (android.graphics.Color)	4294963446 (0xFFFFF0F6)
YUV	245.1690, 0.4097, 8.6218
Hunter-Lab	94.9898, 1.0754, 4.1273

Details

The YIQ color $245.1690, 7.0140, 5.0460$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.8310, -7.0140, -5.0460$, 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 $188.8700, 6.4180, 4.8340$ is the 20% darker color. If you saturate the color by 10%, you get $228.1970, 18.9790, 13.9790$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

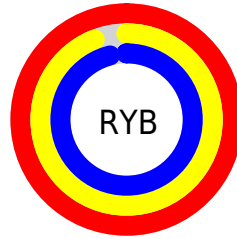
Distribution



Red (100%)

Green (94%)

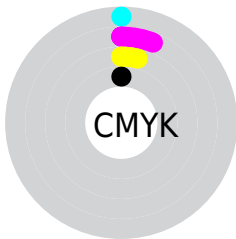
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

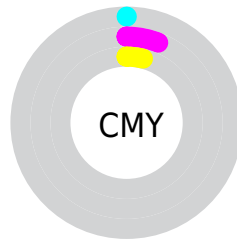


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.1690, 7.0140, 5.0460 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 245.1690, 7.0140, 5.0460 by changing the saturation by 10% instead.


 245.1690, 7.0140,
5.0460

 245.1690, 7.0140,
5.0460

255.0000, -0.0000,
-0.0000


 216.8700, 6.4180,
4.8340

 188.8700, 6.4180,
4.8340

 161.8700, 6.4180,
4.8340

 135.4570, 6.1430,
4.3110

 110.4570, 6.1430,
4.3110

 86.1580, 5.5470,
4.0990

 62.8590, 4.9510,

3.8870

■ 40.8590, 4.9510,
3.8870

■ 19.8590, 4.9510,
3.8870

■ 245.1690, 7.0140,
5.0460

■ 245.1690, 7.0140,
5.0460

■ 228.1970, 18.9790,
13.9790

255.0000, -0.0000,
-0.0000

■ 211.6980, 30.9900,
22.0780

■ 194.7260, 42.9550,
31.0110

■ 178.3410, 54.6450,
39.4210

■ 161.3690, 66.6100,
48.3540

■ 144.8700, 78.6210,
56.4530

■ 127.8980, 90.5860,
65.3860

■ 111.5130,
102.2760, 73.7960

■ 94.4270, 114.5620,
82.4180

Harmonies

Analogous

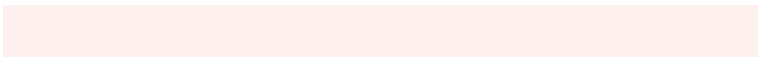
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.8310, 2.1540, 5.0180



245.1690, 7.0140, 5.0460



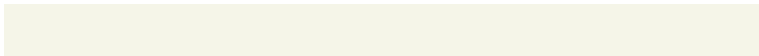
244.4850, 8.9400, 3.1800

Triad

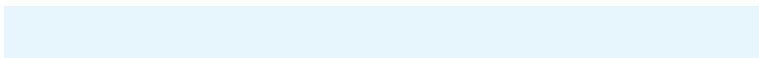
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.1690, 7.0140, 5.0460



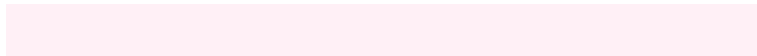
243.5180, 4.1730, -4.0430



242.3130, -11.1870, -1.0030

Complementary

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



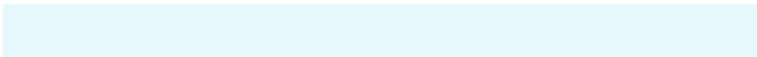
245.1690, 7.0140, 5.0460



249.8310, -7.0140, -5.0460

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.



241.7320, -11.0490, -3.5050



245.1690, 7.0140, 5.0460



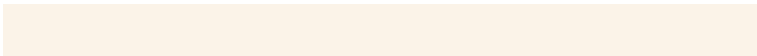
242.4680, -1.5580, -4.8060

Square

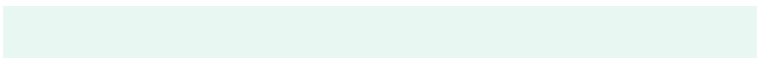
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



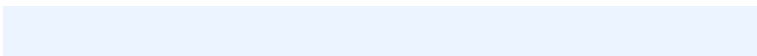
245.1690, 7.0140, 5.0460



244.1380, 8.2990, -1.7250



241.8310, -7.0140, -5.0460



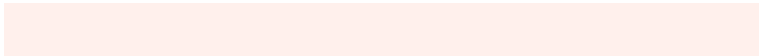
243.4490, -8.5740, 1.2020

Rectangle

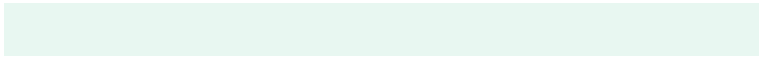
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



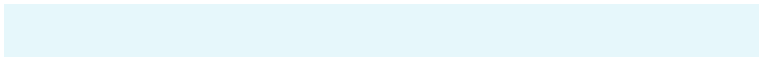
245.1690, 7.0140, 5.0460



244.0290, 10.2240, 1.9360



241.8310, -7.0140, -5.0460



242.3730, -11.4160, -2.3600

Sweetspot

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



245.1690, 7.0140, 5.0460



251.7230, 2.3380, 1.6820



244.4010, 0.5490, 6.5730



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

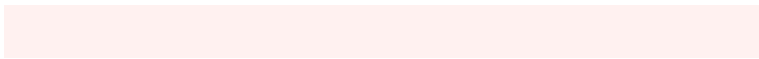
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.1690, 7.0140, 5.0460



243.1800, 8.4810, 5.9930



245.0720, 8.6650, 2.6570



120.7450, 5.2720, 3.5760



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Inverse Universe

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



245.1690, 7.0140, 5.0460



243.1800, 8.4810, 5.9930



249.9280, -8.6650, -2.6570



120.7450, 5.2720, 3.5760



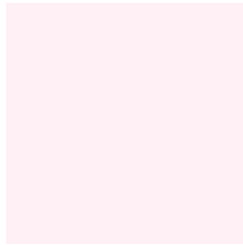
65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 245.1690, 7.0140, 5.0460 looks on a white background.

Color Contrast Check

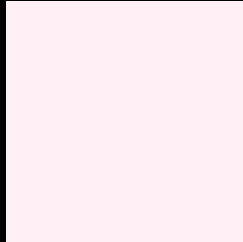
Large Text (above 18pt) WCAG AA × Fail

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 245.1690, 7.0140, 5.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

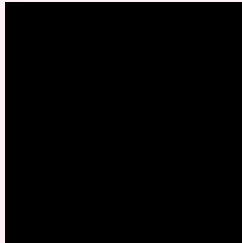
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 245.1690, 7.0140, 5.0460

Background



This preview shows how black text looks on a background with the YIQ color 245.1690, 7.0140, 5.0460.



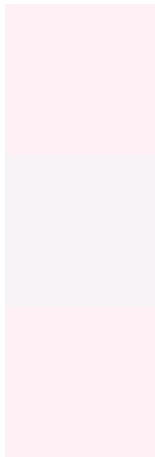
This preview shows how white text looks on a background with the YIQ color 245.1690, 7.0140,

5.0460.

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

245.1690, 7.0140, 5.0460

Protanopia

244.6520, 1.1000, 2.0920

Deuteranopia

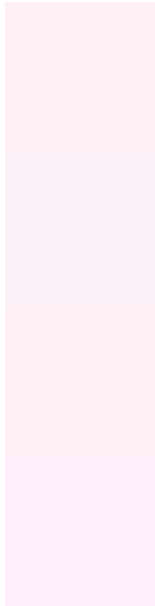
245.0550, 7.3350, 4.7350



Tritanopia

245.6080, 4.4000, 8.3680

Trichromacy



Original Color

245.1690, 7.0140, 5.0460

Protanomaly

244.9620, 3.1630, 3.2510

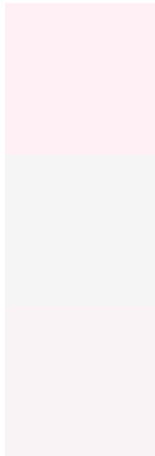
Deuteranomaly

245.0550, 7.3350, 4.7350

Tritanomaly

245.2660, 5.3630, 7.4350

Monochromacy



Original Color

245.1690, 7.0140, 5.0460

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.1690, 7.0140, 5.0460 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, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 246)  
}
```

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, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 246) }
```

Border

The CSS property to change the border of an element to YIQ 245.1690, 7.0140, 5.0460 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, 240, 246) }
```


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

```
.border{ border-color:rgb(255, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 245.1690, 7.0140, 5.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 246) }
```

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

```
.background{ background-color: rgb(255,  
240, 246) }
```

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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