

Converting Colors

YIQ(245.7560, 6.7390, 4.5230)

Have a look what the booklet for
YIQ(245.7560, 6.7390, 4.5230)
contains.

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Color

**YIQ(245.7560, 6.7390,
4.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F6
RGB	255, 241, 246
RGB Percent	100%, 95%, 96%
CMY	0.0000, 0.0549, 0.0353
CMYK	0.00, 0.05, 0.04, 0.00
HSL	339°, 100%, 97%
HSV	339°, 5%, 100%
XYZ	89.3290, 90.8213, 100.0156
YIQ	245.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 241, 246
Decimal	16773622
CIE Lab	96.34, 5.56, -0.73
CIE LCh	96, 5.605, 352.488
Yxy	90.8213, 0.3188, 0.3242
Android (android.graphics.Color)	4294963702 (0xFFFFF1F6)
YUV	245.7560, 0.1203, 8.1070
Hunter-Lab	95.3002, 0.5404, 4.4865

Details

The YIQ color 245.7560, 6.7390, 4.5230 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.2440, -6.7390, -4.5230, and the grayscale version is 246.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 189.4570, 6.1430, 4.3110 is the 20% darker color. If you saturate the color by 10%, you get 229.2570, 18.7500, 12.6220, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



Red (100%)

Green (95%)

Blue (96%)



Red (100%)

Yellow (95%)

Blue (96%)



Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.7560, 6.7390, 4.5230 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 245.7560, 6.7390, 4.5230 by changing the saturation by 10% instead.

 245.7560, 6.7390,
4.5230

 245.7560, 6.7390,
4.5230

255.0000, -0.0000,
-0.0000

 217.4570, 6.1430,
4.3110

 189.4570, 6.1430,
4.3110

 162.4570, 6.1430,
4.3110

 136.0440, 5.8680,
3.7880

 111.0440, 5.8680,
3.7880

 86.7450, 5.2720,
3.5760

 63.4460, 4.6760,

3.3640

■ 41.4460, 4.6760,
3.3640

■ 20.4460, 4.6760,
3.3640

■ 245.7560, 6.7390,
4.5230

■ 245.7560, 6.7390,
4.5230

■ 229.2570, 18.7500,
12.6220

255.0000, -0.0000,
-0.0000

■ 212.0570, 31.3570,
20.9330

■ 195.5580, 43.3680,
29.0320

■ 178.3580, 55.9750,
37.3430

■ 161.8590, 67.9860,
45.4420

■ 144.7730, 80.2720,
54.0640

■ 128.1600, 92.6040,
61.8520

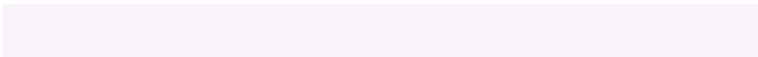
■ 111.0740,
104.8900, 70.4740

■ 94.5750, 116.9010,
78.5730

Harmonies

Analogous

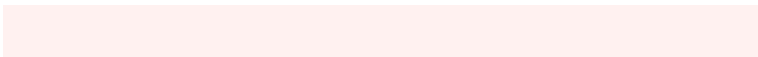
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.4180, 1.8790, 4.4950



245.7560, 6.7390, 4.5230



245.0720, 8.6650, 2.6570

Triad

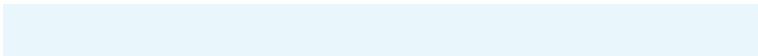
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.7560, 6.7390, 4.5230



243.7460, 3.5310, -3.4210



243.4980, -10.2700, -1.1020

Complementary

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



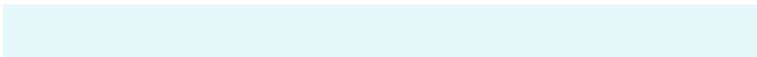
245.7560, 6.7390, 4.5230



250.2440, -6.7390, -4.5230

Split Complementary

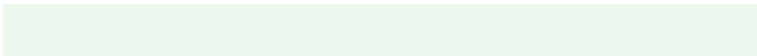
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.9170, -10.1320, -3.6040



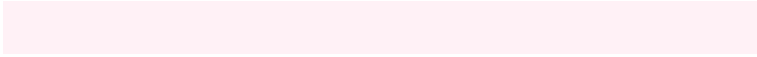
245.7560, 6.7390, 4.5230



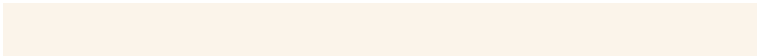
243.2830, -2.4750, -4.7070

Square

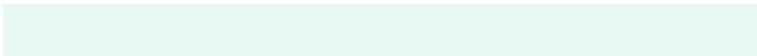
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



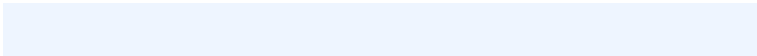
245.7560, 6.7390, 4.5230



244.9530, 7.3820, -1.6260



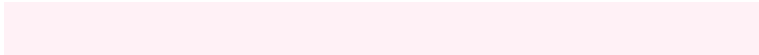
242.9450, -7.3350, -4.7350



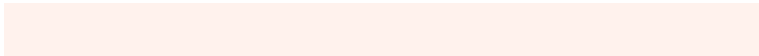
244.0470, -7.3820, 1.6260

Rectangle

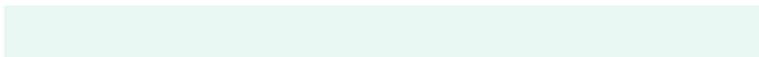
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



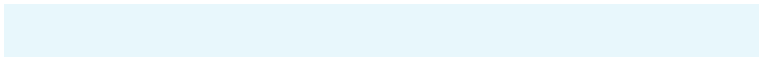
245.7560, 6.7390, 4.5230



245.3170, 9.3530, 1.2010



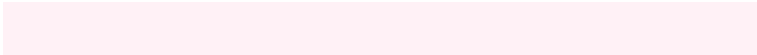
242.9450, -7.3350, -4.7350



243.0850, -10.5450, -1.6250

Sweetspot

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



245.7560, 6.7390, 4.5230



251.7230, 2.3380, 1.6820



245.2870, 0.8700, 6.2620



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

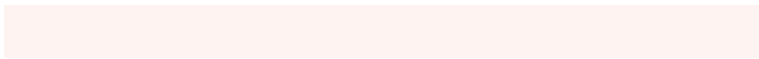
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.7560, 6.7390, 4.5230



243.1800, 8.4810, 5.9930



246.3600, 7.7940, 1.9220



120.7450, 5.2720, 3.5760



64.8610, 92.0080, 61.6400



21.7580, 30.7610, 20.7210

Inverse Universe

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



245.7560, 6.7390, 4.5230



243.1800, 8.4810, 5.9930



249.6400, -7.7940, -1.9220



120.7450, 5.2720, 3.5760



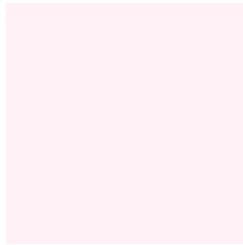
64.8610, 92.0080, 61.6400



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 245.7560, 6.7390, 4.5230 looks on a white background.

Color Contrast Check

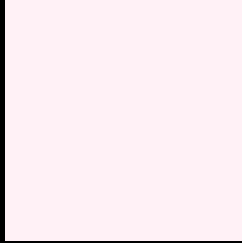
Large Text (above 18pt) WCAG AA × Fail

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 245.7560, 6.7390, 4.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

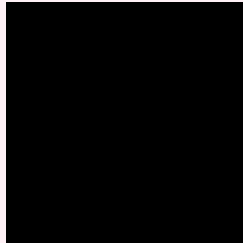
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

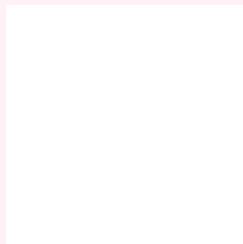
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.7560, 6.7390, 4.5230

Background



This preview shows how black text looks on a background with the YIQ color 245.7560, 6.7390, 4.5230.



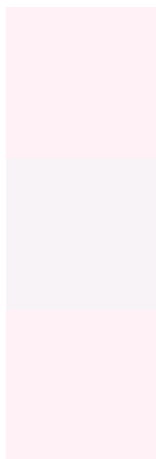
This preview shows how white text looks on a background with the YIQ color 245.7560, 6.7390,

4.5230.

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

245.7560, 6.7390, 4.5230

Protanopia

244.9510, 1.6960, 2.3040

Deuteranopia

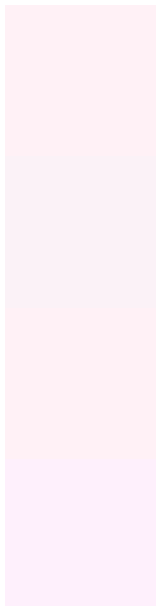
245.7560, 6.7390, 4.5230



Tritanopia

245.8960, 3.5290, 7.6330

Trichromacy



Original Color

245.7560, 6.7390, 4.5230

Protanomaly

245.2610, 3.7590, 3.4630

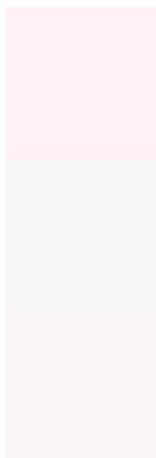
Deuteranomaly

245.7560, 6.7390, 4.5230

Tritanomaly

245.5540, 4.4920, 6.7000

Monochromacy



Original Color

245.7560, 6.7390, 4.5230

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.7230, 2.3380, 1.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.7560, 6.7390, 4.5230 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, 241, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 246) }
```

Border

The CSS property to change the border of an element to YIQ 245.7560, 6.7390, 4.5230 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, 241, 246) }
```


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

```
.border{ border-color:rgb(255, 241, 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, 241, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 245.7560, 6.7390, 4.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 246) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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