

Converting Colors

YIQ(245.7390, 5.4090, 6.6010)

Have a look what the booklet for
YIQ(245.7390, 5.4090, 6.6010)
contains.

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Color

**YIQ(245.7390, 5.4090,
6.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0FB
RGB	255, 240, 251
RGB Percent	100%, 94%, 98%
CMY	0.0000, 0.0588, 0.0157
CMYK	0.00, 0.06, 0.02, 0.00
HSL	316°, 100%, 97%
HSV	316°, 6%, 100%
XYZ	89.8113, 90.5417, 104.0122
YIQ	245.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

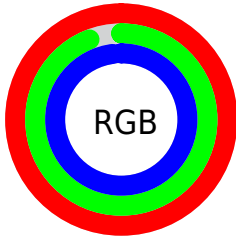
Format	Color
R_{YB}	255, 240, 251
Decimal	16773371
CIE _{Lab}	96.22, 6.93, -3.49
CIE _{LCh}	96, 7.762, 333.299
Y _{xy}	90.5417, 0.3158, 0.3184
Android (android.graphics.Color)	4294963451 (0xFFFFF0FB)
Y_{UV}	245.7390, 2.5937, 8.1219
Hunter-Lab	95.1534, 1.9602, 1.7975

Details

The YIQ color 245.7390, 5.4090, 6.6010 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.2610, -5.4090, -6.6010, 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 189.4400, 4.8130, 6.3890 is the 20% darker color. If you saturate the color by 10%, you get 229.6790, 14.8060, 18.0220, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

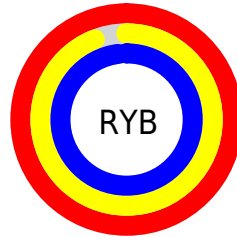
Distribution



Red (100%)

Green (94%)

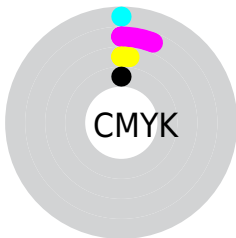
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

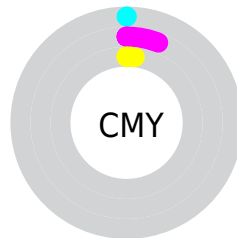


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.7390, 5.4090, 6.6010 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 245.7390, 5.4090, 6.6010 by changing the saturation by 10% instead.


 245.7390, 5.4090,
6.6010

 245.7390, 5.4090,
6.6010


255.0000, -0.0000,
-0.0000


 217.3260, 5.1340,
6.0780

 189.4400, 4.8130,
6.3890

 162.3260, 5.1340,
6.0780

 136.0270, 4.5380,
5.8660

 110.9130, 4.8590,
5.5550

 86.6140, 4.2630,
5.3430

 63.2010, 3.9880,

4.8200

■ 41.2010, 3.9880,
4.8200

■ 20.3150, 3.6670,
5.1310

■ 245.7390, 5.4090,
6.6010

■ 245.7390, 5.4090,
6.6010

■ 229.6790, 14.8060,
18.0220

255.0000, -0.0000,
-0.0000

■ 214.2060, 23.9280,
28.9200

■ 198.2600, 33.0040,
40.6520

■ 182.7870, 42.1260,
51.5500

■ 166.7270, 51.5230,
62.9710

■ 151.2540, 60.6450,
73.8690

■ 135.1940, 70.0420,
85.2900

■ 119.8350, 78.8430,
96.4990

■ 103.7750, 88.2400,
107.9200

Harmonies

Analogous

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



244.9770, -1.1930, 5.1030



245.7390, 5.4090, 6.6010



244.2400, 8.2520, 4.6360

Triad

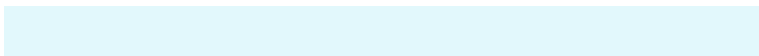
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.7390, 5.4090, 6.6010



244.0840, 8.3910, -3.3930



241.8780, -14.3960, -3.4200

Complementary

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



245.7390, 5.4090, 6.6010



249.2610, -5.4090, -6.6010

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.



241.9660, -11.8280, -5.9080



245.7390, 5.4090, 6.6010



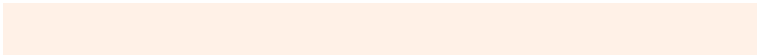
242.7950, 1.8350, -5.7250

Square

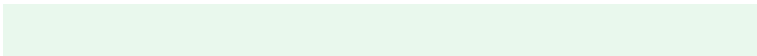
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



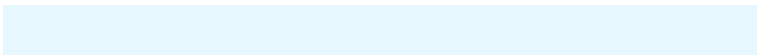
245.7390, 5.4090, 6.6010



244.0460, 11.5540, -0.1420



242.2610, -5.4090, -6.6010



242.8290, -12.7000, -1.1160

Rectangle

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



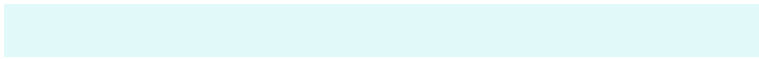
245.7390, 5.4090, 6.6010



243.6700, 9.8570, 3.0810



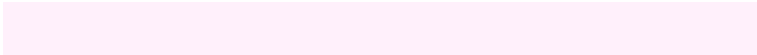
242.2610, -5.4090, -6.6010



242.2370, -14.0290, -4.5650

Sweetspot

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



245.7390, 5.4090, 6.6010



251.9510, 1.6960, 2.3040



242.9060, -2.4310, 5.5130



126.1250, 1.1460, 1.2580



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.



245.7390, 5.4090, 6.6010



243.8640, 6.5550, 7.8590



244.9410, 7.6560, 4.4240



121.2010, 3.9880, 4.8200



73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Inverse Universe

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



245.7390, 5.4090, 6.6010



243.8640, 6.5550, 7.8590



250.0590, -7.6560, -4.4240



121.2010, 3.9880, 4.8200



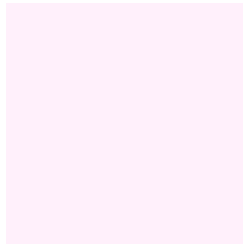
73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 245.7390, 5.4090, 6.6010 looks on a white background.

Color Contrast Check

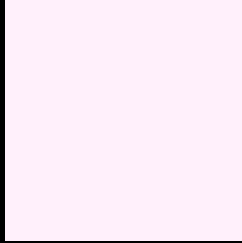
Large Text (above 18pt) WCAG AA × Fail

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 245.7390, 5.4090, 6.6010 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 245.7390, 5.4090, 6.6010

Background



This preview shows how black text looks on a background with the YIQ color 245.7390, 5.4090, 6.6010.



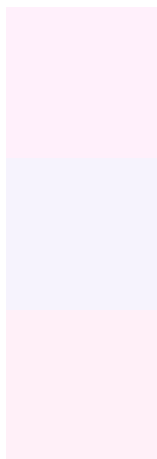
This preview shows how white text looks on a background with the YIQ color 245.7390, 5.4090,

6.6010.

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

245.7390, 5.4090, 6.6010

Protanopia

245.0370, -1.4220, 3.7460

Deuteranopia

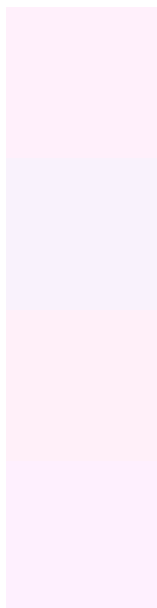
245.3970, 6.3720, 5.6680



Tritanopia

245.8960, 3.5290, 7.6330

Trichromacy



Original Color

245.7390, 5.4090, 6.6010

Protanomaly

245.2330, 0.9620, 4.5940

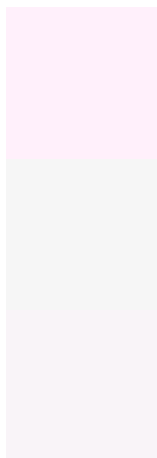
Deuteranomaly

245.5110, 6.0510, 5.9790

Tritanomaly

245.7820, 3.8500, 7.3220

Monochromacy



Original Color

245.7390, 5.4090, 6.6010

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.7390, 5.4090, 6.6010 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 251) }
```

Border

The CSS property to change the border of an element to YIQ 245.7390, 5.4090, 6.6010 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, 251) }
```


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

```
.border{ border-color:rgb(255, 240, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 245.7390, 5.4090, 6.6010 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
240, 251) }
```

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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