

Converting Colors

YIQ(243.0320, 6.1420, 9.8380)

Have a look what the booklet for
YIQ(243.0320, 6.1420, 9.8380)
contains.

YIQ(243.0320, 6.1420, 9.8380)	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(243.0320, 6.1420,
9.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBFD
RGB	255, 235, 253
RGB Percent	100%, 92%, 99%
CMY	0.0000, 0.0784, 0.0078
CMYK	0.00, 0.08, 0.01, 0.00
HSL	306°, 100%, 96%
HSV	306°, 8%, 100%
XYZ	88.6760, 87.7639, 105.1971
YIQ	243.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

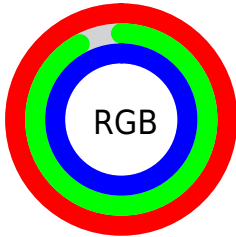
Format	Color
RYB	255, 235, 253
Decimal	16772093
CIELab	95.06, 9.86, -6.23
CIElCh	95, 11.661, 327.694
Yxy	87.7639, 0.3149, 0.3116
Android (android.graphics.Color)	4294962173 (0xFFFFEbfd)
YUV	243.0320, 4.9142, 10.4959
Hunter-Lab	93.6824, 5.0168, -0.9998

Details

The YIQ color $243.0320, 6.1420, 9.8380$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $246.9680, -6.1420, -9.8380$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.6190, 5.8670, 9.3150$ is the 20% darker color. If you saturate the color by 10%, you get $227.4280, 14.2550, 22.5030$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

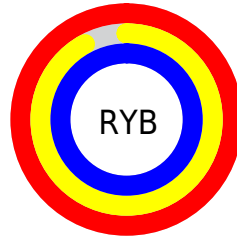
Distribution



Red (100%)

Green (92%)

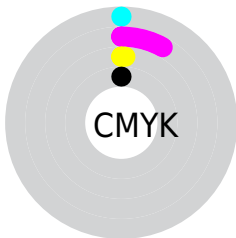
Blue (99%)



Red (100%)

Yellow (92%)

Blue (99%)

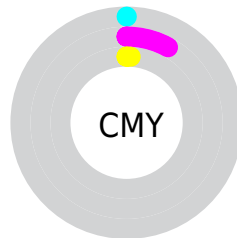


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.0320, 6.1420, 9.8380 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 243.0320, 6.1420, 9.8380 by changing the saturation by 10% instead.


 243.0320, 6.1420,
9.8380

 243.0320, 6.1420,
9.8380


255.0000, -0.0000,
-0.0000


 214.6190, 5.8670,
9.3150

 186.6190, 5.8670,
9.3150

 159.6190, 5.8670,
9.3150

 133.9070, 4.9960,
8.5800

 108.2060, 5.5920,
8.7920

 83.9070, 4.9960,
8.5800

 61.0810, 4.4460,

7.5340

■ 39.0810, 4.4460,
7.5340

■ 17.4940, 4.7210,
8.0570

■ 243.0320, 6.1420,
9.8380

■ 243.0320, 6.1420,
9.8380

■ 227.4280, 14.2550,
22.5030

255.0000, -0.0000,
-0.0000

■ 212.5250, 21.7720,
34.9560

■ 196.9210, 29.8850,
47.6210

■ 182.0180, 37.4020,
60.0740

■ 166.4140, 45.5150,
72.7390

■ 151.5110, 53.0320,
85.1920

■ 135.9070, 61.1450,
97.8570

■ 121.0040, 68.6620,
110.3100

■ 105.4000, 76.7750,
122.9750

Harmonies

Analogous

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



241.1340, -3.0730, 6.1350



243.0320, 6.1420, 9.8380



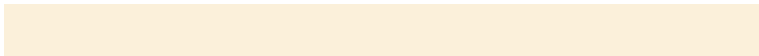
240.6040, 10.2230, 7.4630

Triad

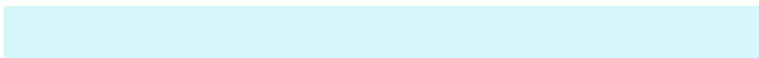
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.0320, 6.1420, 9.8380



240.7810, 13.6180, -4.5100



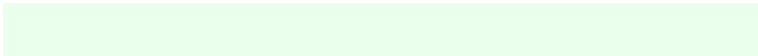
237.2900, -21.5480, -5.9640

Complementary

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



243.0320, 6.1420, 9.8380



246.9680, -6.1420, -9.8380

Split Complementary

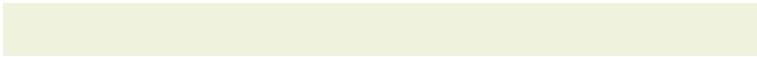
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.4060, -16.1830, -9.5830



243.0320, 6.1420, 9.8380



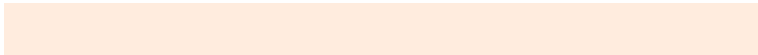
239.2960, 4.6780, -7.6900

Square

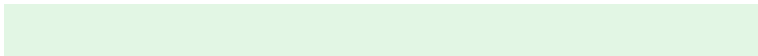
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



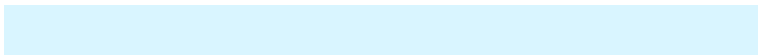
243.0320, 6.1420, 9.8380



240.0850, 15.8180, -0.3260



237.9680, -6.1420, -9.8380



237.7680, -19.8980, -2.8260

Rectangle

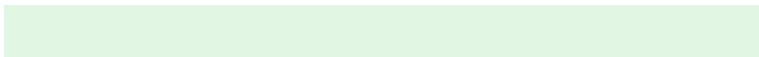
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.0320, 6.1420, 9.8380



239.6920, 12.7910, 4.9750



237.9680, -6.1420, -9.8380



237.4210, -20.5390, -7.7310

Sweetspot

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



243.0320, 6.1420, 9.8380



251.9510, 1.6960, 2.3040



237.8780, -5.2280, 6.6440



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.



243.0320, 6.1420, 9.8380



241.2710, 6.9670, 11.4070



241.8920, 9.3520, 6.7280



120.1410, 4.2170, 6.1770



76.7170, 58.6240, 93.9840



25.6340, 19.8470, 31.2950

Inverse Universe

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



243.0320, 6.1420, 9.8380



241.2710, 6.9670, 11.4070



248.1080, -9.3520, -6.7280



120.1410, 4.2170, 6.1770



76.7170, 58.6240, 93.9840



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 243.0320, 6.1420, 9.8380 looks on a white background.

Color Contrast Check

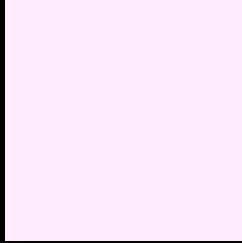
Large Text (above 18pt) WCAG AA × Fail

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 243.0320, 6.1420, 9.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

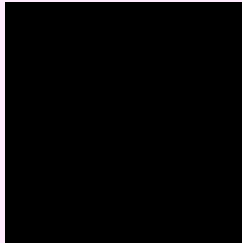
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

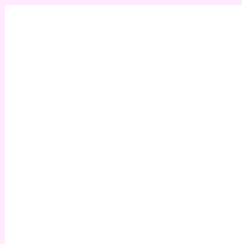
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.0320, 6.1420, 9.8380

Background



This preview shows how black text looks on a background with the YIQ color 243.0320, 6.1420, 9.8380.



This preview shows how white text looks on a background with the YIQ color 243.0320, 6.1420,

9.8330.

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

243.0320, 6.1420, 9.8380

Protanopia

241.4220, -3.9440, 5.4000

Deuteranopia

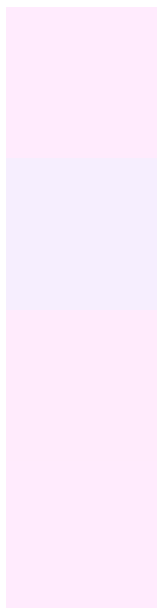
242.8040, 6.7840, 9.2160



Tritanopia

243.0320, 6.1420, 9.8380

Trichromacy



Original Color

243.0320, 6.1420, 9.8380

Protanomaly

242.2160, -0.3680, 6.6720

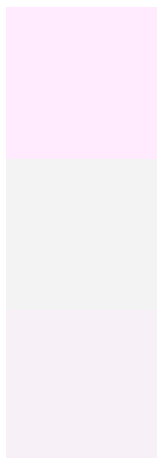
Deuteranomaly

242.9180, 6.4630, 9.5270

Tritanomaly

243.0320, 6.1420, 9.8380

Monochromacy



Original Color

243.0320, 6.1420, 9.8380

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

242.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.0320, 6.1420, 9.8380 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, 235, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 253)  
}
```

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, 235, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 253) }
```

Border

The CSS property to change the border of an element to YIQ 243.0320, 6.1420, 9.8380 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, 235, 253) }
```


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

```
.border{ border-color:rgb(255, 235, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 243.0320, 6.1420, 9.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 253) }
```

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

```
.background{ background-color: rgb(255,  
235, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor