

Converting Colors

YUV(245.5640, 4.6519, 1.2594)

Have a look what the booklet for
YUV(245.5640, 4.6519, 1.2594)
contains.

YUV(245.5640, 4.6519, 1.2594)	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

**YUV(245.5640, 4.6519,
1.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F3FF
RGB	247, 243, 255
RGB Percent	97%, 95%, 100%
CMY	0.0314, 0.0471, 0.0000
CMYK	0.03, 0.05, 0.00, 0.00
HSL	260°, 100%, 98%
HSV	260°, 5%, 100%
XYZ	88.4584, 91.0953, 107.5286
YIQ	245.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

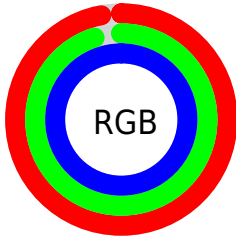
Format	Color
R_{YB}	247, 243, 255
Decimal	16249855
CIE _{Lab}	96.45, 3.47, -5.29
CIE _{LCh}	96, 6.328, 303.295
Yxy	91.0953, 0.3081, 0.3173
Android (android.graphics.Color)	4294439935 (0xFFFF7F3FF)
YUV	245.5640, 4.6519, 1.2594
Hunter-Lab	95.4439, -1.5912, 0.0136

Details

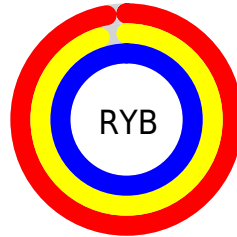
The YUV color $245.5640, 4.6519, 1.2594$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $252.4360, -4.6519, -1.2594$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.4500, 4.2152, 1.3594$ is the 20% darker color. If you saturate the color by 10%, you get $225.8060, 14.3926, 3.6781$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

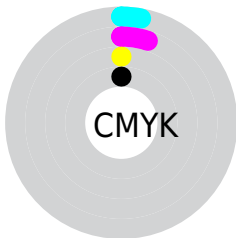
Distribution



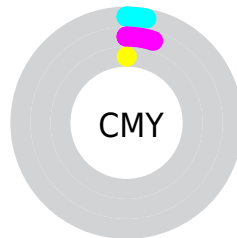
- Red (97%)
- Green (95%)
- Blue (100%)



- Red (97%)
- Yellow (95%)
- Blue (100%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.5640, 4.6519, 1.2594 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 YUV color 245.5640, 4.6519, 1.2594 by changing the saturation by 10% instead.

 245.5640, 4.6519,
1.2594


 245.5640, 4.6519,
1.2594


255.0000, 0.0000,
0.0000


 217.4500, 4.2152,
1.3594

 189.4500, 4.2152,
1.3594

 162.4500, 4.2152,
1.3594

 136.1510, 4.3626,
0.7446

 111.0370, 3.9258,
0.8446

 86.0370, 3.9258,
0.8446

 63.0370, 3.9258,

0.8446

■ 40.9230, 3.4890,
0.9445

■ 20.8090, 3.0522,
1.0445

■ 245.5640, 4.6519,
1.2594

■ 245.5640, 4.6519,
1.2594

■ 225.8060, 14.3926,
3.6781

255.0000, 0.0000,
0.0000

■ 205.4610, 24.4227,
6.6117

■ 185.1160, 34.4528,
9.5453

■ 165.3580, 44.1935,
11.9640

■ 145.0130, 54.2236,
14.8976

■ 125.2550, 63.9643,
17.3164

■ 104.9100, 73.9944,
20.2499

■ 85.1520, 83.7351,
22.6687

■ 64.8070, 93.7651,
25.6023

Harmonies

Analogous

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



244.6450, 5.1050, -4.0737



245.5640, 4.6519, 1.2594



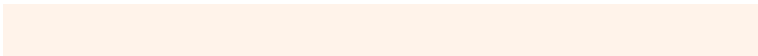
245.9130, 2.0149, 7.0923

Triad

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



245.5640, 4.6519, 1.2594



245.5620, -5.7001, 8.2771



243.1620, 0.9061, -10.6661

Complementary

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



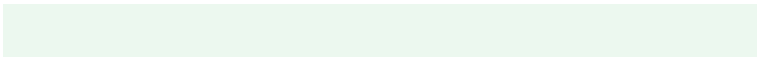
245.5640, 4.6519, 1.2594



252.4360, -4.6519, -1.2594

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.



243.3860, -2.1623, -6.4775



245.5640, 4.6519, 1.2594



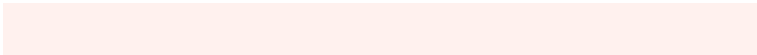
244.8280, -5.8312, 3.6588

Square

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



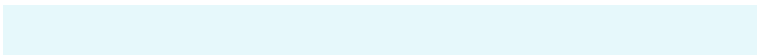
245.5640, 4.6519, 1.2594



244.8440, -3.3741, 8.9068



243.4360, -4.6519, -1.2594



242.9600, 3.9637, -11.3659

Rectangle

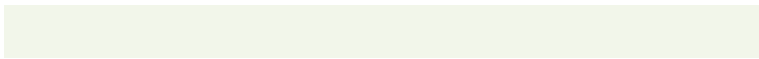
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



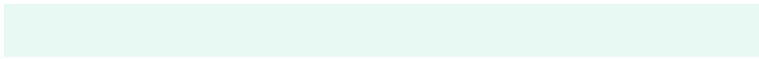
245.5640, 4.6519, 1.2594



245.7560, 0.1203, 8.1070



243.4360, -4.6519, -1.2594



242.6460, 0.1745, -9.3365

Sweetspot

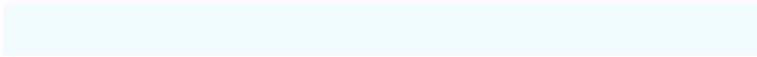
The Sweet Spot groups the original color and five complimentary colors.



245.5640, 4.6519, 1.2594



252.6410, 1.1630, 0.3148



249.0640, 2.9264, -5.3181



126.5270, 0.7262, 0.4148



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.



245.5640, 4.6519, 1.2594



243.2050, 5.8149, 1.5742



247.3580, 3.7675, 4.9480



120.9230, 3.4890, 0.9445



40.9100, 73.9944, 20.2499



13.5750, 24.8595, 6.5117

Inverse Universe

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



247.5000, 1.7255, 6.5775



245.6250, 2.1569, 8.2219



250.6420, -3.7675, -4.9480



122.3750, 1.2941, 4.9331



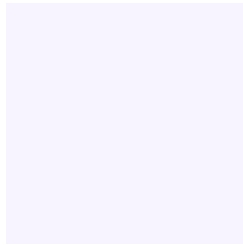
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 245.5640, 4.6519, 1.2594 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 YUV color 245.5640, 4.6519, 1.2594 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](#).

YUV 245.5640, 4.6519, 1.2594

Background



This preview shows how black text looks on a background with the YUV color 245.5640, 4.6519, 1.2594.



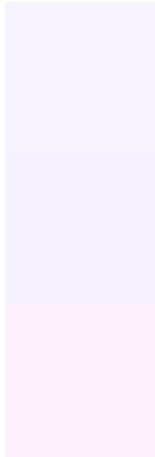
This preview shows how white text looks on a background with the YUV color 245.5640, 4.6519,

1.2594.

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

245.5640, 4.6519, 1.2594

Protanopia

245.2650, 4.7994, 0.6446

Deuteranopia

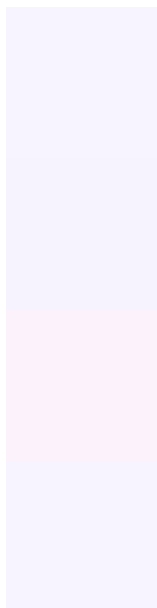
246.3260, 2.3043, 7.6071



Tritanopia

245.5640, 4.6519, 1.2594

Trichromacy



Original Color

245.5640, 4.6519, 1.2594

Protanomaly

245.2650, 4.7994, 0.6446

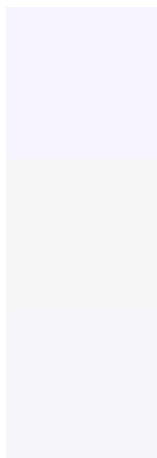
Deuteranomaly

246.1300, 2.8939, 5.1480

Tritanomaly

245.5640, 4.6519, 1.2594

Monochromacy



Original Color

245.5640, 4.6519, 1.2594

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.5640, 4.6519, 1.2594 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(247, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 255)  
}
```

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(247, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 255) }
```

Border

The CSS property to change the border of an element to YUV 245.5640, 4.6519, 1.2594 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(247, 243, 255) }
```


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

```
.border{ border-color:rgb(247, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 245.5640, 4.6519, 1.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 255) }
```

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

```
.background{ background-color: rgb(247,  
243, 255) }
```

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