

Converting Colors

YUV(245.6140, 2.1623, 6.4775)

Have a look what the booklet for
YUV(245.6140, 2.1623, 6.4775)
contains.

YUV(245.6140, 2.1623, 6.4775)	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(245.6140, 2.1623,
6.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF1FA
RGB	253, 241, 250
RGB Percent	99%, 95%, 98%
CMY	0.0078, 0.0549, 0.0196
CMYK	0.00, 0.05, 0.01, 0.01
HSL	315°, 75%, 97%
HSV	315°, 5%, 99%
XYZ	89.2186, 90.6954, 103.2461
YIQ	245.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

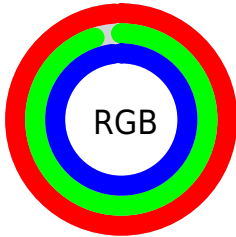
Format	Color
R _Y B	253, 241, 250
Decimal	16642554
CIE Lab	96.28, 5.58, -2.89
CIE LCh	96, 6.284, 332.587
Yxy	90.6954, 0.3151, 0.3203
Android (android.graphics.Color)	4294832634 (0xFFFD1FA)
YUV	245.6140, 2.1623, 6.4775
Hunter-Lab	95.2341, 0.5653, 2.3858

Details

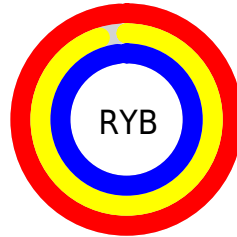
The YUV color $245.6140, 2.1623, 6.4775$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.3860, -2.1623, -6.4775$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.3150, 2.3097, 5.8627$ is the 20% darker color. If you saturate the color by 10%, you get $230.2550, 6.7763, 19.9474$, and if you desaturate by 10%, it is $254.4020, 0.2948, -1.2296$.

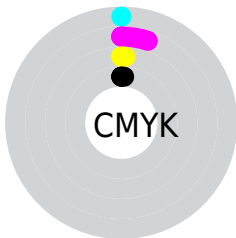
Distribution



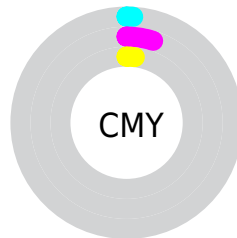
- Red (99%)
- Green (95%)
- Blue (98%)



- Red (99%)
- Yellow (95%)
- Blue (98%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (1%)




- Cyan (1%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.6140, 2.1623, 6.4775 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 245.6140, 2.1623, 6.4775 by changing the saturation by 10% instead.

 245.6140, 2.1623,
6.4775


 245.6140, 2.1623,
6.4775


255.0000, 0.0000,
0.0000


 217.2010, 1.8729,
5.9627

 189.3150, 2.3097,
5.8627

 162.2010, 1.8729,
5.9627

 136.2010, 1.8729,
5.9627

 110.9020, 2.0203,
5.3479

 86.4890, 1.7309,
4.8331

 63.4890, 1.7309,

4.8331

■ 41.4890, 1.7309,
4.8331

■ 20.4890, 1.7309,
4.8331

■ 245.6140, 2.1623,
6.4775

■ 245.6140, 2.1623,
6.4775

■ 230.2550, 6.7763,
19.9474

254.4020, 0.2948,
-1.2296

■ 214.1950, 11.2429,
34.0320

■ 198.8360, 15.8569,
47.5018

■ 183.4770, 20.4708,
60.9717

■ 167.4170, 24.9374,
75.0563

■ 152.0580, 29.5514,
88.5261

■ 136.6990, 34.1654,
101.9960

■ 121.2260, 38.3426,
115.5658

■ 105.2800, 43.2460,
129.5504

Harmonies

Analogous

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



245.2650, 4.7994, 0.6446



245.6140, 2.1623, 6.4775



244.9410, -0.4639, 8.8217

Triad

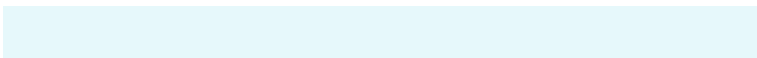
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.6140, 2.1623, 6.4775



244.1270, -5.9786, 4.2736



242.9600, 3.9637, -11.3659

Complementary

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



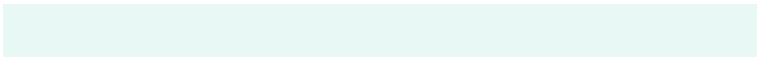
245.6140, 2.1623, 6.4775



248.3860, -2.1623, -6.4775

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.



242.5750, 1.1955, -10.1513



245.6140, 2.1623, 6.4775



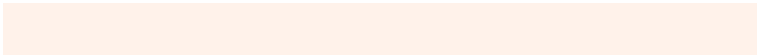
243.4360, -4.6519, -1.2594

Square

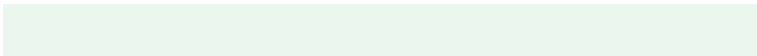
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



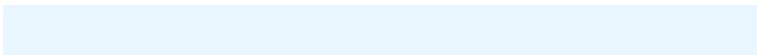
245.6140, 2.1623, 6.4775



244.9750, -5.4107, 8.7919



242.3860, -2.1623, -6.4775



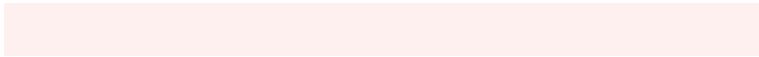
243.1390, 5.8475, -8.8919

Rectangle

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



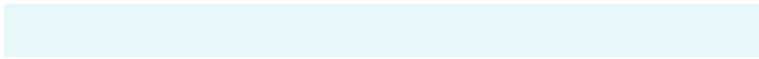
245.6140, 2.1623, 6.4775



244.4850, -2.2111, 9.2217



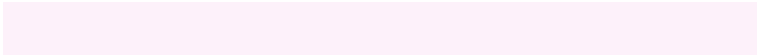
242.3860, -2.1623, -6.4775



242.7320, 3.0901, -11.1660

Sweetspot

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



245.6140, 2.1623, 6.4775



253.1250, 0.4314, 1.6444



243.2650, 4.7994, 0.6446



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

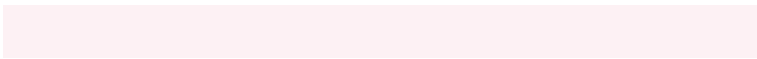
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.6140, 2.1623, 6.4775



245.7390, 2.5937, 8.1219



244.9300, -0.4585, 7.0774



122.3750, 1.2941, 4.9331



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Inverse Universe

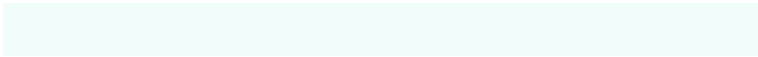
The Inverse Universe completely reimagines the original color for something new.



245.6140, 2.1623, 6.4775



245.7390, 2.5937, 8.1219



249.0700, 0.4585, -7.0774



122.3750, 1.2941, 4.9331



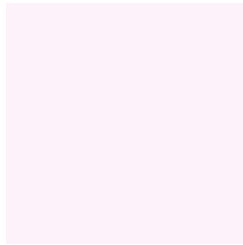
73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 245.6140, 2.1623, 6.4775 looks on a white background.

Color Contrast Check

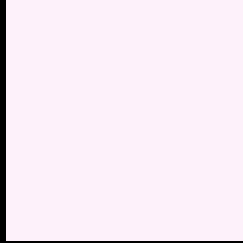
Large Text (above 18pt) WCAG AA × Fail

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 245.6140, 2.1623, 6.4775 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 245.6140, 2.1623, 6.4775

Background



This preview shows how black text looks on a background with the YUV color 245.6140, 2.1623, 6.4775.



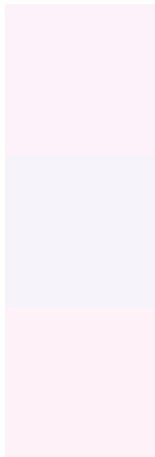
This preview shows how white text looks on a background with the YUV color 245.6140, 2.1623,

6.4775.

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

245.6140, 2.1623, 6.4775

Protanopia

245.1080, 2.9048, 1.6593

Deuteranopia

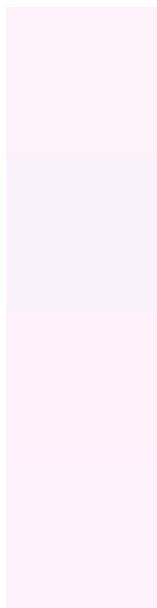
245.9840, 0.9939, 7.9070



Tritanopia

245.8850, 4.4937, 5.3629

Trichromacy



Original Color

245.6140, 2.1623, 6.4775

Protanomaly

245.1190, 2.8993, 3.4036

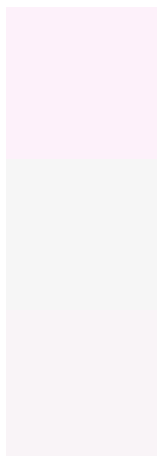
Deuteranomaly

245.7990, 1.5781, 7.1923

Tritanomaly

245.6570, 3.6201, 5.5628

Monochromacy



Original Color

245.6140, 2.1623, 6.4775

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.8370, 0.5734, 2.7740

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.6140, 2.1623, 6.4775 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(253, 241, 250)` looks like.

```
.text, #text, p{  
    color:rgb(253, 241, 250)  
}
```

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(253, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 250) }
```

Border

The CSS property to change the border of an element to YUV 245.6140, 2.1623, 6.4775 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(253, 241, 250) }
```


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

```
.border{ border-color:rgb(253, 241, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 241, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 245.6140, 2.1623, 6.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 250) }
```

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

```
.background{ background-color: rgb(253,  
241, 250) }
```

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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