

Converting Colors

YUV(240.5700, 5.6350, 12.6551)

Have a look what the booklet for
YUV(240.5700, 5.6350, 12.6551)
contains.

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Color

**YUV(240.5700, 5.6350,
12.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7FC
RGB	255, 231, 252
RGB Percent	100%, 91%, 99%
CMY	0.0000, 0.0941, 0.0118
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 100%, 95%
HSV	308°, 9%, 100%
XYZ	87.3866, 85.4401, 103.9813
YIQ	240.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

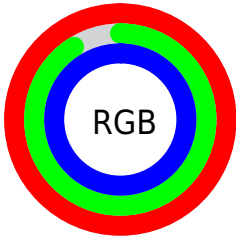
Format	Color
R _{YB}	255, 231, 252
Decimal	16771068
CIE _{Lab}	94.07, 11.74, -7.17
CIE _{LCh}	94, 13.757, 328.576
Y _{xy}	85.4401, 0.3157, 0.3087
Android (android.graphics.Color)	4294961148 (0xFFFFE7FC)
Y _{UV}	240.5700, 5.6350, 12.6551
Hunter-Lab	92.4338, 6.9941, -1.9932

Details

The YUV color `240.5700, 5.6350, 12.6551` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245.4300, -5.6350, -12.6551`, and the grayscale version is `241.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.1570, 5.3456, 12.1403` is the 20% darker color. If you saturate the color by 10%, you get `225.5530, 11.5594, 25.8250`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

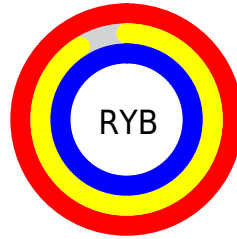
Distribution



Red (100%)

Green (91%)

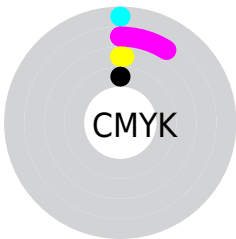
Blue (99%)



Red (100%)

Yellow (91%)

Blue (99%)

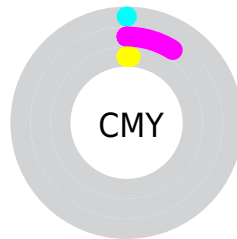


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 240.5700, 5.6350, 12.6551 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 240.5700, 5.6350, 12.6551 by changing the saturation by 10% instead.


 240.5700, 5.6350,
12.6551

 240.5700, 5.6350,
12.6551


255.0000, 0.0000,
0.0000


 212.1570, 5.3456,
12.1403

 184.1570, 5.3456,
12.1403

 157.7440, 5.0562,
11.6255

 131.4450, 5.2036,
11.0107

 106.3310, 4.7668,
11.1107

 82.0320, 4.9142,
10.4959

 58.6190, 4.6248,

9.9811

■ 36.9070, 4.4828,
8.8516

■ 14.7440, 5.0562,
11.6255

■ 240.5700, 5.6350,
12.6551

■ 240.5700, 5.6350,
12.6551

■ 225.5530, 11.5594,
25.8250

255.0000, 0.0000,
0.0000

■ 209.9490, 17.7731,
39.5097

■ 194.8180, 23.2607,
52.7796

■ 179.2140, 29.4745,
66.4643

■ 164.1970, 35.3989,
79.6342

■ 148.5930, 41.6127,
93.3189

■ 133.5760, 47.5370,
106.4888

■ 117.9720, 53.7508,
120.1736

■ 102.8410, 59.2384,
133.4434

Harmonies

Analogous

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



238.7750, 7.9989, 1.0743



240.5700, 5.6350, 12.6551



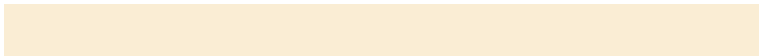
237.9140, 0.5354, 14.9844

Triad

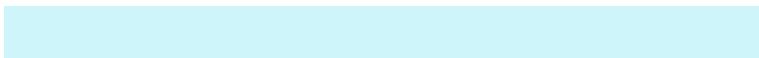
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5700, 5.6350, 12.6551



238.0370, -12.8362, 10.4916



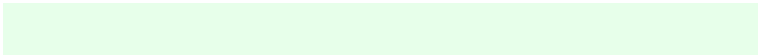
233.6100, 8.0803, -25.0910

Complementary

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



240.5700, 5.6350, 12.6551



245.4300, -5.6350, -12.6551

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.



233.9110, 1.5229, -21.8469



240.5700, 5.6350, 12.6551



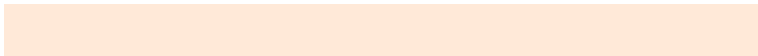
236.2420, -10.4723, -1.0892

Square

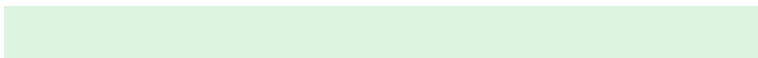
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.5700, 5.6350, 12.6551



237.6400, -10.6685, 15.2247



234.5440, -5.1982, -12.7551



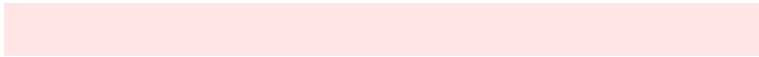
234.5010, 10.1060, -21.4874

Rectangle

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



240.5700, 5.6350, 12.6551



236.8880, -3.3958, 15.8842



234.5440, -5.1982, -12.7551



233.7410, 6.0437, -25.2059

Sweetspot

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



240.5700, 5.6350, 12.6551



250.1900, 1.8783, 4.2184



234.6330, 10.0409, -0.5551



124.3640, 1.2995, 3.1888



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.



240.5700, 5.6350, 12.6551



238.1080, 6.3558, 14.8143



239.2020, 0.3934, 13.8548



120.1410, 2.8885, 6.8923



76.1470, 44.7905, 100.7261



25.5200, 15.0266, 33.7470

Inverse Universe

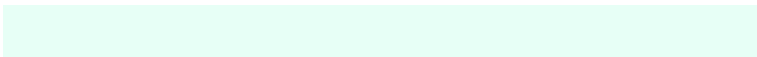
The Inverse Universe completely reimagines the original color for something new.



240.5700, 5.6350, 12.6551



238.1080, 6.3558, 14.8143



246.7980, -0.3934, -13.8548



120.1410, 2.8885, 6.8923



76.1470, 44.7905, 100.7261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 240.5700, 5.6350, 12.6551 looks on a white background.

Color Contrast Check

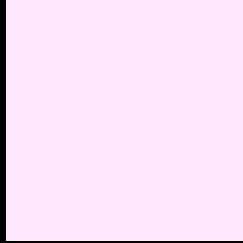
Large Text (above 18pt) WCAG AA × Fail

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 240.5700, 5.6350, 12.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

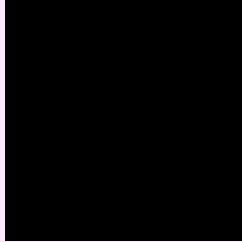
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

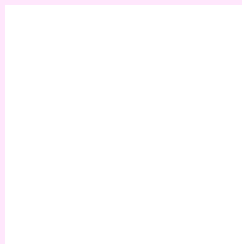
Any Text WCAG AAA ✓ Pass

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

YUV 240.5700, 5.6350, 12.6551 Background



This preview shows how black text looks on a background with the YUV color 240.5700, 5.6350, 12.6551.



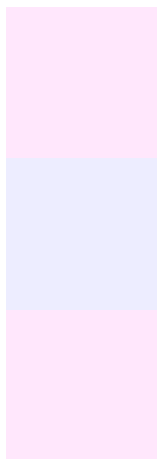
This preview shows how white text looks on a background with the YUV color 240.5700, 5.6350,

12.6551.

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

240.5700, 5.6350, 12.6551

Protanopia

239.0520, 7.8624, -1.7996

Deuteranopia

240.5700, 5.6350, 12.6551



Tritanopia

240.3420, 4.7614, 12.8551

Trichromacy



Original Color

240.5700, 5.6350, 12.6551

Protanomaly

239.8570, 6.9725, 3.6334

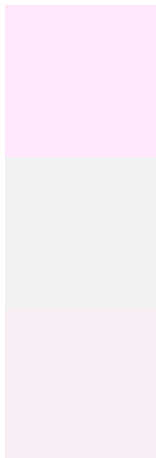
Deuteranomaly

240.5700, 5.6350, 12.6551

Tritanomaly

240.4560, 5.1982, 12.7551

Monochromacy



Original Color

240.5700, 5.6350, 12.6551

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.6030, 2.1677, 4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.5700, 5.6350, 12.6551 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, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 252)  
}
```

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, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 252) }
```

Border

The CSS property to change the border of an element to YUV 240.5700, 5.6350, 12.6551 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, 231, 252) }
```


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

```
.border{ border-color:rgb(255, 231, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 231, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 240.5700, 5.6350, 12.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 252) }
```

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

```
.background{ background-color: rgb(255,  
231, 252) }
```

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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