

Converting Colors

YUV(240.5370, 5.6513, 7.4221)

Have a look what the booklet for
YUV(240.5370, 5.6513, 7.4221)
contains.

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Color

**YUV(240.5370, 5.6513,
7.4221)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EAFC
RGB	249, 234, 252
RGB Percent	98%, 92%, 99%
CMY	0.0235, 0.0824, 0.0118
CMYK	0.01, 0.07, 0.00, 0.01
HSL	290°, 75%, 95%
HSV	290°, 7%, 99%
XYZ	86.0604, 86.0136, 104.1619
YIQ	240.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

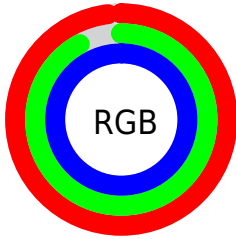
Format	Color
R_{YB}	249, 234, 252
Decimal	16378620
CIE Lab	94.32, 8.21, -6.86
CIE LCh	94, 10.699, 320.101
Yxy	86.0136, 0.3115, 0.3114
Android (android.graphics.Color)	4294568700 (0xFFF9EAF0)
YUV	240.5370, 5.6513, 7.4221
Hunter-Lab	92.7435, 3.3361, -1.6691

Details

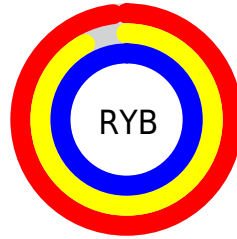
The YUV color `240.5370, 5.6513, 7.4221` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245.4630, -5.6513, -7.4221`, and the grayscale version is `240.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.4230, 5.2145, 7.5220` is the 20% darker color. If you saturate the color by 10%, you get `224.6660, 13.4757, 17.8329`, and if you desaturate by 10%, it is `254.0600, -1.0156, -0.9296`.

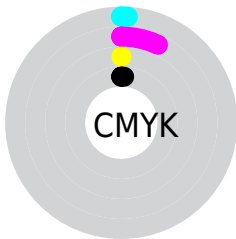
Distribution



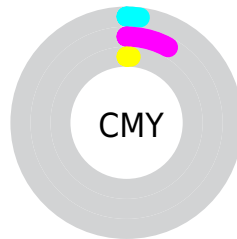
- Red (98%)
- Green (92%)
- Blue (99%)



- Red (98%)
- Yellow (92%)
- Blue (99%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.5370, 5.6513, 7.4221 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 240.5370, 5.6513, 7.4221 by changing the saturation by 10% instead.


 240.5370, 5.6513,
7.4221


 240.5370, 5.6513,
7.4221

255.0000, 0.0000,
0.0000


 212.1240, 5.3619,
6.9073

 184.4230, 5.2145,
7.5220

 157.7110, 5.0725,
6.3925

 131.7110, 5.0725,
6.3925

 106.5970, 4.6357,
6.4924

 82.2980, 4.7831,
5.8777

 59.1840, 4.3463,

5.9776

■ 37.4720, 4.2043,
4.8481

■ 15.8960, 4.4883,
7.1072

■ 240.5370, 5.6513,
7.4221

■ 240.5370, 5.6513,
7.4221

■ 224.6660, 13.4757,
17.8329

■ 254.0600, -1.0156,
-0.9296

■ 208.7950, 21.3001,
28.2438

■ 254.6580, -1.3104,
0.2999

■ 192.0380, 29.5613,
38.5547

■ 176.1670, 37.3857,
48.9655

■ 160.2960, 45.2101,
59.3764

■ 144.4250, 53.0345,
69.7873

■ 128.5540, 60.8589,
80.1981

■ 111.7970, 69.1201,
90.5090

■ 95.9260, 76.9445,
100.9199

Harmonies

Analogous

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



239.0520, 7.8624, -1.7996



240.5370, 5.6513, 7.4221



240.0170, 0.9776, 13.1401

Triad

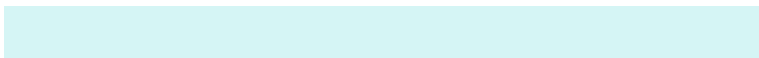
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5370, 5.6513, 7.4221



239.1340, -9.9261, 10.4065



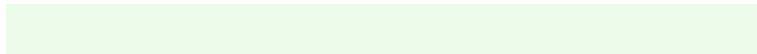
235.4320, 4.7170, -19.6729

Complementary

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



240.5370, 5.6513, 7.4221



245.4630, -5.6513, -7.4221

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.



235.7870, -0.3880, -15.5992



240.5370, 5.6513, 7.4221



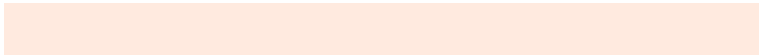
237.6060, -9.1728, 2.0995

Square

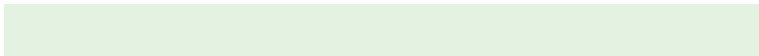
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.5370, 5.6513, 7.4221



239.0250, -7.9003, 14.0101



236.4630, -5.6513, -7.4221



236.1810, 8.7848, -17.6987

Rectangle

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



240.5370, 5.6513, 7.4221



239.2190, -2.0800, 13.8399



236.4630, -5.6513, -7.4221



235.3890, 3.2592, -18.7582

Sweetspot

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



240.5370, 5.6513, 7.4221



251.7660, 1.5944, 1.9592



237.8130, 6.9942, -3.3440



125.9400, 1.0156, 0.9296



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.



240.5370, 5.6513, 7.4221



240.3030, 7.2456, 9.3813



240.7500, 2.5882, 9.8662



116.7710, 4.0569, 5.4628



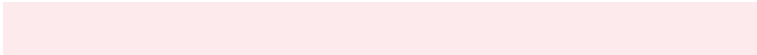
68.4890, 59.4119, 77.6241



22.2030, 19.1269, 25.2550

Inverse Universe

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



239.7240, -1.3429, 10.7661



239.3330, -1.6432, 13.7400



245.2500, -2.5882, -9.8663



116.2290, -0.6059, 7.6922



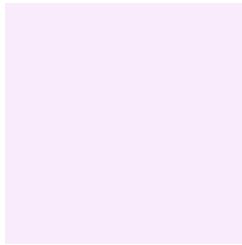
60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 240.5370, 5.6513, 7.4221 looks on a white background.

Color Contrast Check

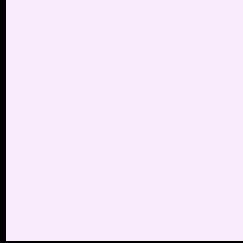
Large Text (above 18pt) WCAG AA × Fail

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 240.5370, 5.6513, 7.4221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

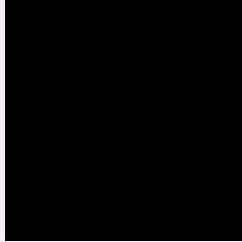
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

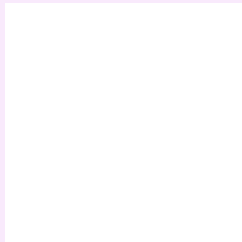
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.5370, 5.6513, 7.4221

Background



This preview shows how black text looks on a background with the YUV color 240.5370, 5.6513, 7.4221.



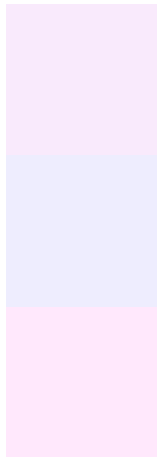
This preview shows how white text looks on a background with the YUV color 240.5370, 5.6513,

7.4221.

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

240.5370, 5.6513, 7.4221

Protanopia

239.2370, 7.2782, -1.0848

Deuteranopia

241.1570, 5.3456, 12.1403



Tritanopia

240.5370, 5.6513, 7.4221

Trichromacy



Original Color

240.5370, 5.6513, 7.4221

Protanomaly

239.7320, 6.5411, 1.9890

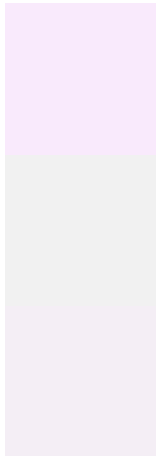
Deuteranomaly

241.1460, 5.3510, 10.3960

Tritanomaly

240.5370, 5.6513, 7.4221

Monochromacy



Original Color

240.5370, 5.6513, 7.4221

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.5370, 5.6513, 7.4221 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(249, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 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(249, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 252) }
```

Border

The CSS property to change the border of an element to YUV 240.5370, 5.6513, 7.4221 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(249, 234, 252) }
```


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

```
.border{ border-color:rgb(249, 234, 252) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 240.5370, 5.6513, 7.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 252) }
```

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

```
.background{ background-color: rgb(249,  
234, 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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