

Converting Colors

YUV(234.9390, 5.9461, 6.1925)

Have a look what the booklet for
YUV(234.9390, 5.9461, 6.1925)
contains.

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Color

**YUV(234.9390, 5.9461,
6.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E5F7
RGB	242, 229, 247
RGB Percent	95%, 90%, 97%
CMY	0.0510, 0.1020, 0.0314
CMYK	0.02, 0.07, 0.00, 0.03
HSL	283°, 53%, 93%
HSV	283°, 7%, 97%
XYZ	81.4258, 81.6313, 99.4605
YIQ	234.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

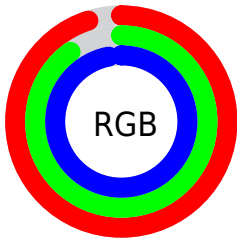
Format	Color
R _Y B	242, 229, 247
Decimal	15918583
CIE Lab	92.41, 7.58, -7.14
CIE LCh	92, 10.413, 316.720
Yxy	81.6313, 0.3102, 0.3110
Android (android.graphics.Color)	4294108663 (0xFF2E5F7)
YUV	234.9390, 5.9461, 6.1925
Hunter-Lab	90.3500, 2.7562, -2.0235

Details

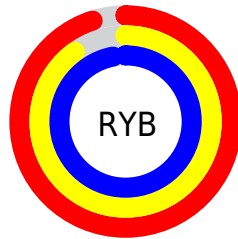
The YUV color $234.9390, 5.9461, 6.1925$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.0610, -5.9461, -6.1925$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.5260, 5.6567, 5.6777$ is the 20% darker color. If you saturate the color by 10%, you get $218.1710, 14.2127, 14.7590$, and if you desaturate by 10%, it is $251.7070, -2.3206, -2.3740$.

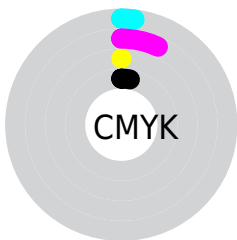
Distribution



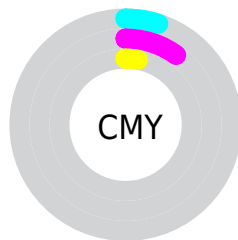
- Red (95%)
- Green (90%)
- Blue (97%)



- Red (95%)
- Yellow (90%)
- Blue (97%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.9390, 5.9461, 6.1925 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 234.9390, 5.9461, 6.1925 by changing the saturation by 10% instead.

234.9390, 5.9461,
6.1925

234.9390, 5.9461,
6.1925

255.0000, 0.0000,
0.0000

206.9390, 5.9461,
6.1925

179.5260, 5.6567,
5.6777

152.5260, 5.6567,
5.6777

126.4120, 5.2199,
5.7777

101.1130, 5.3673,
5.1629

77.7000, 5.0779,
4.6481

54.5860, 4.6411,

4.7481

■ 33.1730, 4.3517,
4.2333

■ 10.2380, 5.7987,
6.8073

■ 234.9390, 5.9461,
6.1925

■ 234.9390, 5.9461,
6.1925

■ 218.1710, 14.2127,
14.7590

■ 251.7070, -2.3206,
-2.3740

■ 201.9900, 22.1899,
22.8108

■ 254.0880, -3.4944,
0.7998

■ 185.2220, 30.4566,
31.3773

■ 168.7530, 38.5758,
40.5586

■ 152.5720, 46.5530,
48.6104

■ 135.8040, 54.8196,
57.1769

■ 119.0360, 63.0863,
65.7434

■ 102.2680, 71.3529,
74.3100

■ 86.0870, 79.3301,
82.3617

Harmonies

Analogous

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



233.6820, 9.0308, -3.2291



234.9390, 5.9461, 6.1925



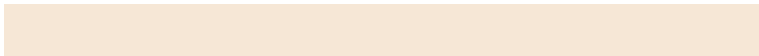
235.4300, 1.2670, 13.6549

Triad

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



234.9390, 5.9461, 6.1925



233.5470, -9.6367, 10.9213



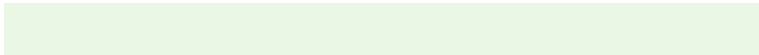
230.0300, 4.4222, -18.4433

Complementary

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



234.9390, 5.9461, 6.1925



241.0610, -5.9461, -6.1925

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.



230.2710, -1.1196, -14.2697



234.9390, 5.9461, 6.1925



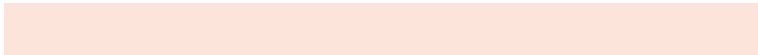
232.3180, -9.0308, 3.2291

Square

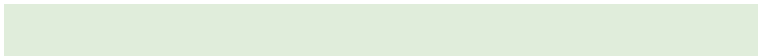
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.9390, 5.9461, 6.1925



234.4490, -7.6164, 16.2692



231.0610, -5.9461, -6.1925



230.6540, 8.0586, -18.1136

Rectangle

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



234.9390, 5.9461, 6.1925



235.8280, -2.3802, 16.8138



231.0610, -5.9461, -6.1925



229.8730, 2.5276, -17.4286

Sweetspot

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



234.9390, 5.9461, 6.1925



251.7660, 1.5944, 1.9592



233.9870, 6.4154, -4.3736



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.



234.9390, 5.9461, 6.1925



239.7050, 7.5404, 8.1517



235.9780, 3.4618, 9.6663



114.0590, 3.9149, 4.3333



61.2700, 61.4919, 63.7842



19.2840, 19.5800, 19.9219

Inverse Universe

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



234.9520, -0.4693, 10.5661



239.5610, -0.7696, 13.5400



240.0220, -3.4618, -9.6663



114.0440, -0.0217, 6.9774



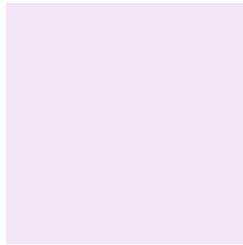
61.5420, -4.7042, 109.1497



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 234.9390, 5.9461, 6.1925 looks on a white background.

Color Contrast Check

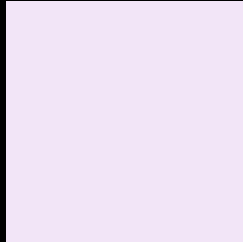
Large Text (above 18pt) WCAG AA × Fail

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 234.9390, 5.9461, 6.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

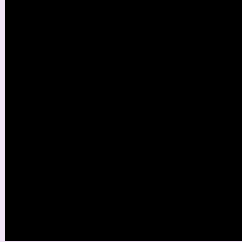
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

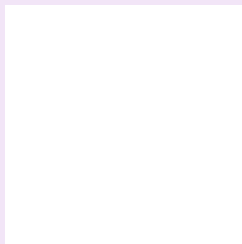
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.9390, 5.9461, 6.1925

Background



This preview shows how black text looks on a background with the YUV color 234.9390, 5.9461, 6.1925.



This preview shows how white text looks on a background with the YUV color 234.9390, 5.9461,

6.1925.

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

234.9390, 5.9461, 6.1925

Protanopia

234.2370, 7.2782, -1.0848

Deuteranopia

235.3850, 6.2192, 11.9404



Tritanopia

234.9390, 5.9461, 6.1925

Trichromacy



Original Color

234.9390, 5.9461, 6.1925

Protanomaly

234.4330, 6.6885, 1.3743

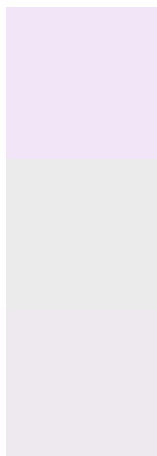
Deuteranomaly

235.0750, 6.3720, 9.5812

Tritanomaly

234.9390, 5.9461, 6.1925

Monochromacy



Original Color

234.9390, 5.9461, 6.1925

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.9390, 5.9461, 6.1925 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(242, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 247)  
}
```

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(242, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 247) }
```

Border

The CSS property to change the border of an element to YUV 234.9390, 5.9461, 6.1925 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(242, 229, 247) }
```


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

```
.border{ border-color:rgb(242, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 234.9390, 5.9461, 6.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 247) }
```

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

```
.background{ background-color: rgb(242,  
229, 247) }
```

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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