

Converting Colors

YUV(242.6070, 6.1097, 0.3447)

Have a look what the booklet for
YUV(242.6070, 6.1097, 0.3447)
contains.

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Color

**YUV(242.6070, 6.1097,
0.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F0FF
RGB	243, 240, 255
RGB Percent	95%, 94%, 100%
CMY	0.0471, 0.0588, 0.0000
CMYK	0.05, 0.06, 0.00, 0.00
HSL	252°, 100%, 97%
HSV	252°, 6%, 100%
XYZ	86.1722, 88.5949, 107.1665
YIQ	242.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

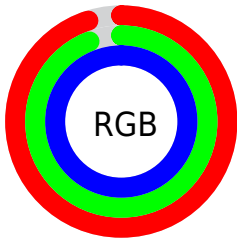
Format	Color
R _Y B	243, 240, 255
Decimal	15986943
CIE Lab	95.41, 3.71, -6.86
CIE LCh	95, 7.794, 298.404
Yxy	88.5949, 0.3056, 0.3142
Android (android.graphics.Color)	4294177023 (0xFF3F0FF)
YUV	242.6070, 6.1097, 0.3447
Hunter-Lab	94.1248, -1.2999, -1.6177

Details

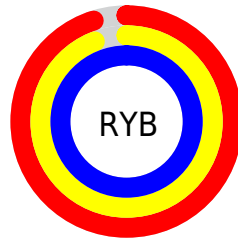
The YUV color `242.6070, 6.1097, 0.3447` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `252.3930, -6.1097, -0.3447`, and the grayscale version is `243.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.4930, 5.6730, 0.4446` is the 20% darker color. If you saturate the color by 10%, you get `221.9520, 16.2927, 0.9191`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

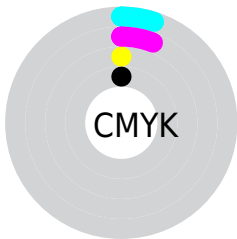
Distribution



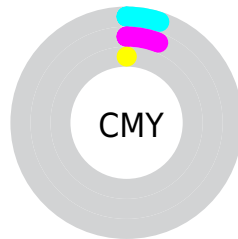
- Red (95%)
- Green (94%)
- Blue (100%)



- Red (95%)
- Yellow (94%)
- Blue (100%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.6070, 6.1097, 0.3447 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 242.6070, 6.1097, 0.3447 by changing the saturation by 10% instead.

242.6070, 6.1097,
0.3447

242.6070, 6.1097,
0.3447

255.0000, 0.0000,
0.0000

214.4930, 5.6730,
0.4446

186.4930, 5.6730,
0.4446

159.4930, 5.6730,
0.4446

133.4930, 5.6730,
0.4446

108.0800, 5.3836,
-0.0702

83.9660, 4.9468,
0.0298

60.9660, 4.9468,

0.0298

■ 38.8520, 4.5100,
0.1298

■ 18.1510, 4.3626,
0.7446

■ 242.6070, 6.1097,
0.3447

■ 242.6070, 6.1097,
0.3447

■ 221.9520, 16.2927,
0.9191

255.0000, 0.0000,
0.0000

■ 200.4110, 26.9124,
1.3936

■ 179.1690, 37.3847,
2.4828

■ 158.2150, 47.7150,
2.4424

■ 137.5600, 57.8979,
3.0169

■ 116.3180, 68.3702,
4.1061

■ 94.7770, 78.9899,
4.5806

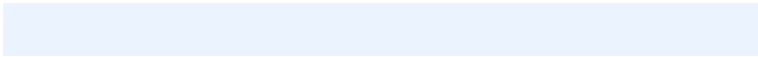
■ 74.1220, 89.1729,
5.1550

■ 52.5810, 99.7926,
5.6295

Harmonies

Analogous

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



241.6770, 6.5682, -6.7327



242.6070, 6.1097, 0.3447



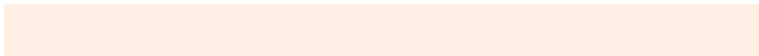
243.5540, 3.1779, 7.4071

Triad

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



242.6070, 6.1097, 0.3447



242.6440, -6.7265, 10.8362



239.4500, 0.7642, -11.7956

Complementary

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



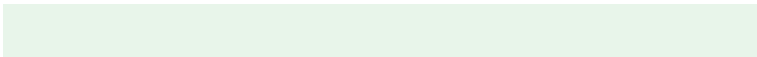
242.6070, 6.1097, 0.3447



252.3930, -6.1097, -0.3447

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.



239.8590, -2.8885, -6.8923



242.6070, 6.1097, 0.3447



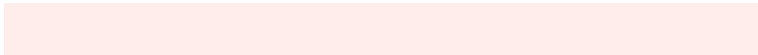
241.7960, -7.2944, 6.3179

Square

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



242.6070, 6.1097, 0.3447



242.1540, -3.5269, 11.2659



240.9800, -6.3991, -0.8595



239.7640, 4.5533, -13.8250

Rectangle

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



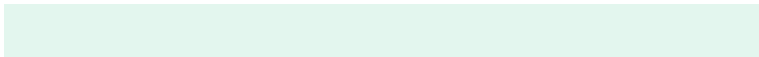
242.6070, 6.1097, 0.3447



243.2940, 0.8411, 10.2662



240.9800, -6.3991, -0.8595



239.4070, -0.6937, -10.8809

Sweetspot

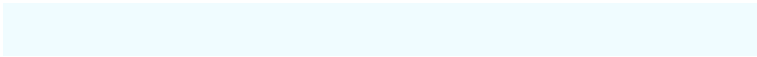
The Sweet Spot groups the original color and five complimentary colors.



242.6070, 6.1097, 0.3447



250.8690, 2.0366, 0.1149



248.7540, 3.0793, -7.6773



125.3420, 1.3104, -0.2999



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.



242.6070, 6.1097, 0.3447



240.2480, 7.2727, 0.6595



244.7000, 5.0779, 4.6481



118.8520, 4.5100, 0.1298



33.1360, 77.8270, 4.2657



11.1830, 26.0388, 1.5935

Inverse Universe

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



245.8530, 3.0305, 8.0219



243.9780, 3.4618, 9.6663



250.3000, -5.0779, -4.6481



121.2010, 1.8729, 5.9627



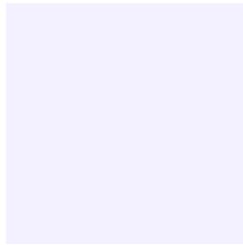
74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 242.6070, 6.1097, 0.3447 looks on a white background.

Color Contrast Check

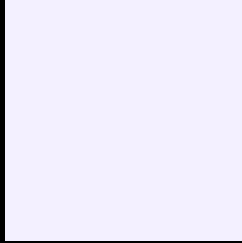
Large Text (above 18pt) WCAG AA × Fail

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 242.6070, 6.1097, 0.3447 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 242.6070, 6.1097, 0.3447

Background



This preview shows how black text looks on a background with the YUV color 242.6070, 6.1097, 0.3447.



This preview shows how white text looks on a background with the YUV color 242.6070, 6.1097,

0.3447.

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

242.6070, 6.1097, 0.3447

Protanopia

242.3080, 6.2572, -0.2701

Deuteranopia

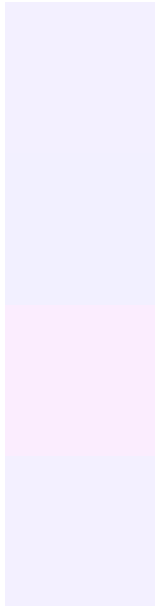
243.6190, 4.6248, 9.9811



Tritanopia

242.6070, 6.1097, 0.3447

Trichromacy



Original Color

242.6070, 6.1097, 0.3447

Protanomaly

242.3080, 6.2572, -0.2701

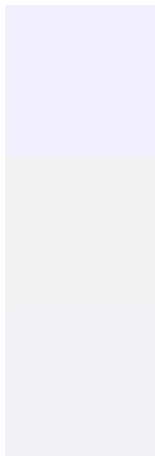
Deuteranomaly

243.1240, 5.3619, 6.9073

Tritanomaly

242.6070, 6.1097, 0.3447

Monochromacy



Original Color

242.6070, 6.1097, 0.3447

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.6070, 6.1097, 0.3447 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(243, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 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(243, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.6070, 6.1097, 0.3447 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(243, 240, 255) }
```


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

```
.border{ border-color:rgb(243, 240, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.6070, 6.1097, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 255) }
```

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

```
.background{ background-color: rgb(243,  
240, 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](#).

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