

# Converting Colors

YUV(241.8620, 5.9840, -6.0180)

Have a look what the booklet for  
YUV(241.8620, 5.9840, -6.0180)  
contains.

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# Color

**YUV(241.8620, 5.9840,  
-6.0180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF3FE
RGB	235, 243, 254
RGB Percent	92%, 95%, 100%
CMY	0.0784, 0.0471, 0.0039
CMYK	0.07, 0.04, 0.00, 0.00
HSL	215°, 90%, 96%
HSV	215°, 7%, 100%
XYZ	84.2009, 88.9191, 106.4912
YIQ	241.8620, -8.2990, 1.7250

# Conversions

## Conversions Part 2

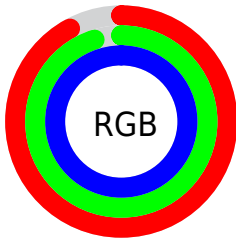
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 241, 254
Decimal	15463422
CIE Lab	95.55, -0.60, -6.20
CIE LCh	96, 6.232, 264.510
Yxy	88.9191, 0.3011, 0.3180
Android (android.graphics.Color)	4293653502 (0xFFEBF3FE)
YUV	241.8620, 5.9840, -6.0180
Hunter-Lab	94.2969, -5.6309, -0.9494

# Details

The YUV color  $241.8620, 5.9840, -6.0180$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $247.1380, -5.9840, 6.0180$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.7480, 5.5472, -5.9180$  is the 20% darker color. If you saturate the color by 10%, you get  $225.5820, 14.0101, -13.6654$ , and if you desaturate by 10%, it is  $254.8860, -0.4368, 0.1000$ .

# Distribution



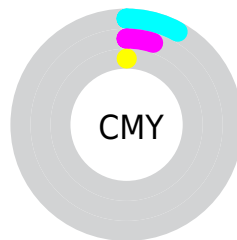
- Red (92%)
- Green (95%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.8620, 5.9840, -6.0180 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 241.8620, 5.9840, -6.0180 by changing the saturation by 10% instead.



241.8620, 5.9840,  
-6.0180

241.8620, 5.9840,  
-6.0180

255.0000, 0.0000,  
0.0000

213.7480, 5.5472,  
-5.9180

185.7480, 5.5472,  
-5.9180

158.7480, 5.5472,  
-5.9180

132.7480, 5.5472,  
-5.9180

107.6340, 5.1104,  
-5.8180

82.9330, 4.9630,  
-5.2032

59.9330, 4.9630,

-5.2032

■ 38.1180, 4.3788,  
-4.4885

■ 17.5200, 4.6736,  
-5.7180

■ 241.8620, 5.9840,  
-6.0180

■ 241.8620, 5.9840,  
-6.0180

■ 225.5820, 14.0101,  
-13.6654

254.8860, -0.4368,  
0.1000

■ 209.5900, 21.8941,  
-22.4424

■ 193.3100, 29.9202,  
-30.0899

■ 176.7310, 38.0936,  
-38.3521

■ 160.4510, 46.1197,  
-45.9995

■ 144.7580, 53.8563,  
-54.1618

■ 128.1790, 62.0298,  
-62.4240

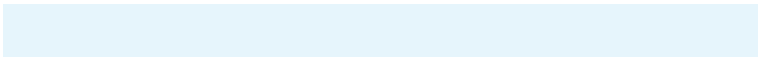
■ 111.8990, 70.0558,  
-70.0714

■ 95.9070, 77.9398,  
-78.8484

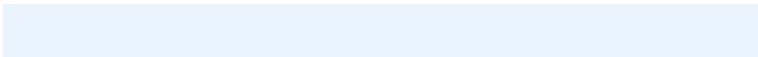
# Harmonies

## Analogous

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



241.3130, 5.2687, -9.9215



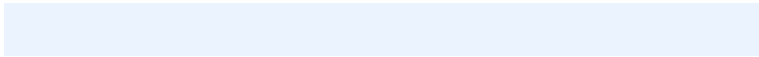
241.8620, 5.9840, -6.0180



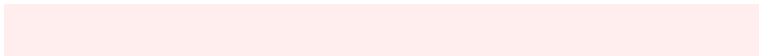
242.6670, 5.0942, -0.5850

# Triad

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



241.8620, 5.9840, -6.0180



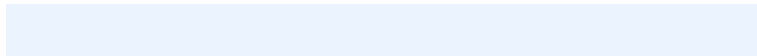
242.9690, -2.9427, 10.5512



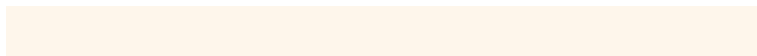
240.8700, -2.8939, -5.1480

# Complementary

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



241.8620, 5.9840, -6.0180



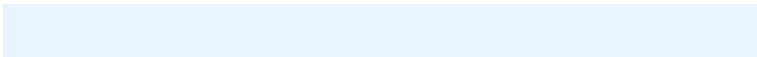
247.1380, -5.9840, 6.0180

# Split Complementary

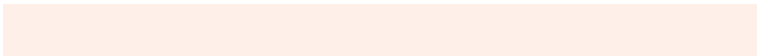
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.3330, -5.0942, 0.5850



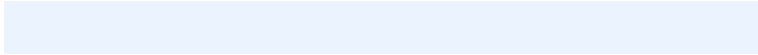
241.8620, 5.9840, -6.0180



243.3880, -5.1213, 9.3067

# Square

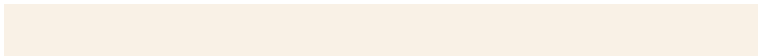
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



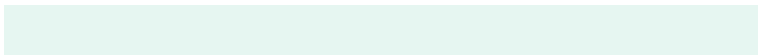
241.8620, 5.9840, -6.0180



243.3540, -0.1745, 9.3365



242.1380, -5.9840, 6.0180

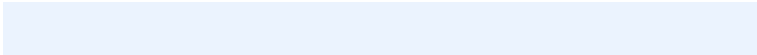


240.6460, 0.1745, -9.3365



# Rectangle

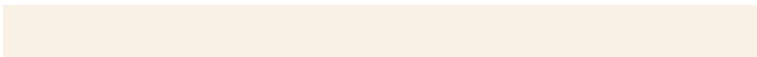
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.8620, 5.9840, -6.0180



243.3470, 3.7729, 3.2037



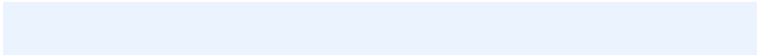
242.1380, -5.9840, 6.0180



240.6530, -3.7729, -3.2037

# Sweetspot

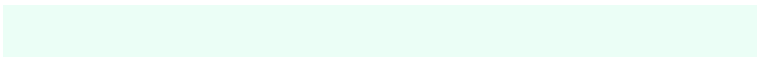
The Sweet Spot groups the original color and five complimentary colors.



241.8620, 5.9840, -6.0180



251.7440, 1.6052, -1.5295



247.4070, -0.6937, -10.8809



125.9290, 1.0210, -0.8147



0.0000, 0.0000, 0.0000

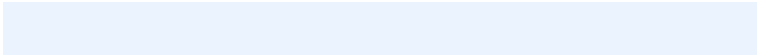


128.0000, 0.0000, 0.0000

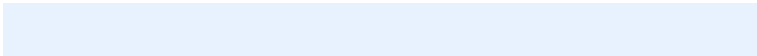


# Same Dimension

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



241.8620, 5.9840, -6.0180



240.4920, 7.1524, -7.4475



237.4650, 8.1518, -1.2848



119.4170, 4.2314, -3.8737



69.3210, 59.9877, -60.7945



23.1450, 20.1415, -20.2982



# Inverse Universe

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



241.5930, 0.6937, 10.8809



240.0170, 0.9776, 13.1401



251.5350, -8.1518, 1.2848



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242

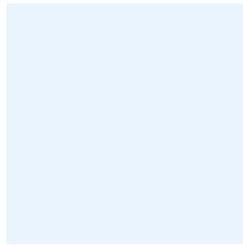


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 241.8620, 5.9840, -6.0180 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

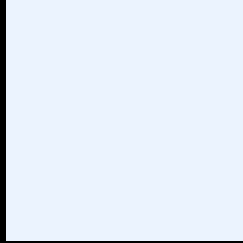
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.8620, 5.9840, -6.0180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

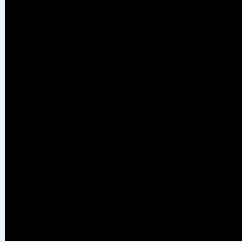
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

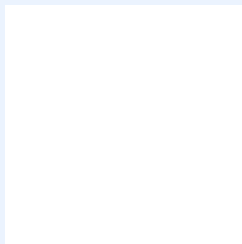
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.8620, 5.9840, -6.0180

## Background



This preview shows how black text looks on a background with the YUV color 241.8620, 5.9840, -6.0180.



This preview shows how white text looks on a background with the YUV color 241.8620, 5.9840, -6.0180.

-6.080.

# 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

241.8620, 5.9840, -6.0180

### Protanopia

242.9660, 4.9468, 0.0298

### Deuteranopia

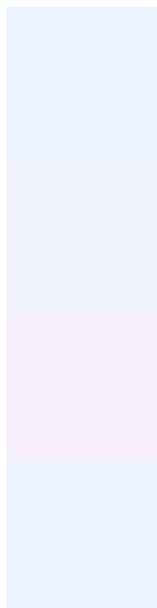
244.0920, 3.8986, 9.5663



## Tritanopia

242.2860, 6.2680, -3.7588

# Trichromacy



## Original Color

241.8620, 5.9840, -6.0180

## Protanomaly

242.6560, 5.0996, -2.3293

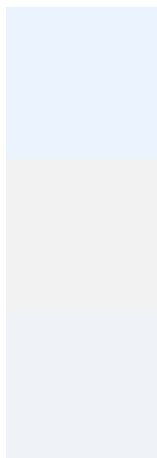
## Deuteranomaly

243.2870, 4.7885, 4.1333

## Tritanomaly

241.9870, 6.4154, -4.3736

# Monochromacy



## Original Color

241.8620, 5.9840, -6.0180

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

241.5590, 2.1894, -2.2442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.8620, 5.9840, -6.0180 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(235, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 254)  
}
```

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(235, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 254) }
```

## Border

The CSS property to change the border of an element to YUV 241.8620, 5.9840, -6.0180 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(235, 243, 254) }
```



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

```
.border{ border-color:rgb(235, 243, 254) }
```

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

Here you see how a box with a 4 pixel rgb(235, 243, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 241.8620, 5.9840, -6.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 254) }
```

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

```
.background{ background-color: rgb(235,  
243, 254) }
```

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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