

Converting Colors

YUV(245.2920, 3.8000, -5.5181)

Have a look what the booklet for
YUV(245.2920, 3.8000, -5.5181)
contains.

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Color

**YUV(245.2920, 3.8000,
-5.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF7FD
RGB	239, 247, 253
RGB Percent	94%, 97%, 99%
CMY	0.0627, 0.0314, 0.0078
CMYK	0.06, 0.02, 0.00, 0.01
HSL	206°, 78%, 96%
HSV	206°, 6%, 99%
XYZ	86.5870, 91.9641, 106.1157
YIQ	245.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

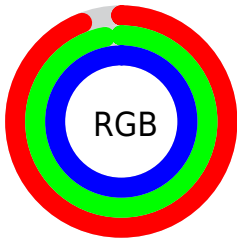
Format	Color
R _Y B	239, 244, 253
Decimal	15726589
CIE Lab	96.81, -1.53, -3.80
CIE LCh	97, 4.095, 248.072
Yxy	91.9641, 0.3042, 0.3231
Android (android.graphics.Color)	4293916669 (0xFFEFF7FD)
YUV	245.2920, 3.8000, -5.5181
Hunter-Lab	95.8979, -6.6523, 1.5213

Details

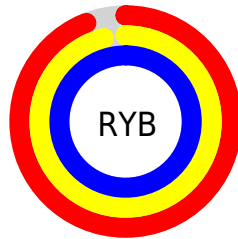
The YUV color `245.2920, 3.8000, -5.5181` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.7080, -3.8000, 5.5181`, and the grayscale version is `245.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `189.1780, 3.3632, -5.4181` is the 20% darker color. If you saturate the color by 10%, you get `231.3600, 10.6685, -15.2247`, and if you desaturate by 10%, it is `254.7720, -0.8736, 0.2000`.

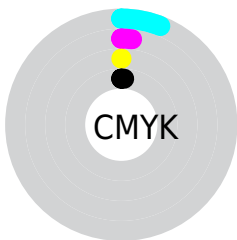
Distribution



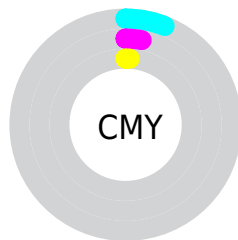
- Red (94%)
- Green (97%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.2920, 3.8000, -5.5181 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 245.2920, 3.8000, -5.5181 by changing the saturation by 10% instead.

245.2920, 3.8000,
-5.5181

245.2920, 3.8000,
-5.5181

255.0000, 0.0000,
0.0000

217.1780, 3.3632,
-5.4181

189.1780, 3.3632,
-5.4181

162.1780, 3.3632,
-5.4181

135.5910, 3.6526,
-4.9033

110.4770, 3.2158,
-4.8033

86.4770, 3.2158,
-4.8033

62.7760, 3.0684,

-4.1886

■ 40.7760, 3.0684,
-4.1886

■ 20.3630, 2.7790,
-4.7034

■ 245.2920, 3.8000,
-5.5181

■ 245.2920, 3.8000,
-5.5181

■ 231.3600, 10.6685,
-15.2247

254.7720, -0.8736,
0.2000

■ 217.1290, 17.6844,
-25.5461

■ 203.1970, 24.5529,
-35.2528

■ 189.8520, 31.1320,
-45.4742

■ 175.9200, 38.0004,
-55.1808

■ 161.6890, 45.0163,
-65.5023

■ 147.7570, 51.8848,
-75.2089

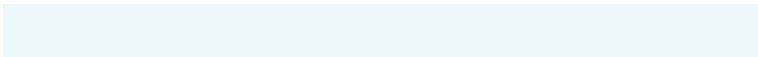
■ 133.8250, 58.7533,
-84.9155

■ 119.5940, 65.7692,
-95.2369

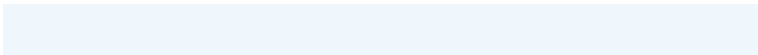
Harmonies

Analogous

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



244.9390, 2.4951, -6.9625



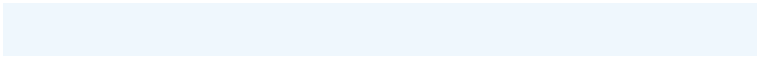
245.2920, 3.8000, -5.5181



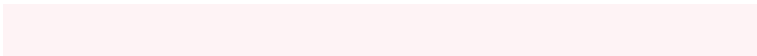
246.0150, 3.9366, -2.6442

Triad

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



245.2920, 3.8000, -5.5181



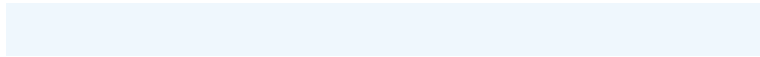
246.5170, -0.7479, 6.5626



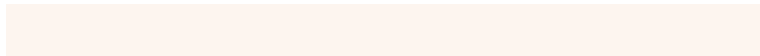
244.8920, -2.9048, -1.6593

Complementary

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



245.2920, 3.8000, -5.5181



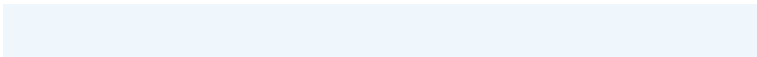
246.7080, -3.8000, 5.5181

Split Complementary

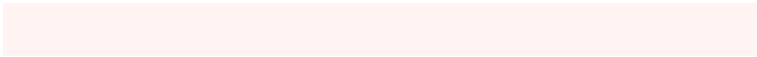
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6860, -3.7892, 2.0294



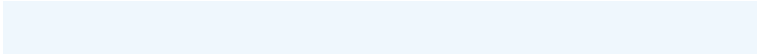
245.2920, 3.8000, -5.5181



246.9470, -2.9319, 7.0625

Square

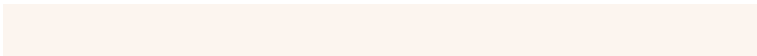
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



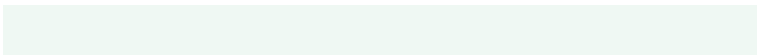
245.2920, 3.8000, -5.5181



246.9620, 1.0047, 4.4183



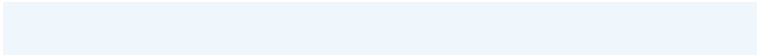
246.4090, -3.6526, 4.9033



244.7390, -0.8573, -5.0331

Rectangle

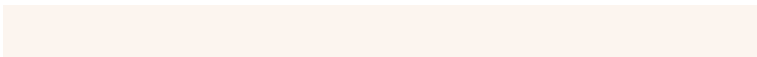
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.2920, 3.8000, -5.5181



246.2110, 3.3470, -0.1850



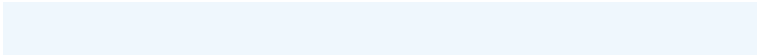
246.4090, -3.6526, 4.9033



245.4900, -3.1996, -0.4297

Sweetspot

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



245.2920, 3.8000, -5.5181



252.3310, 1.3158, -2.0443



247.9020, -1.4307, -7.8071



125.9290, 1.0210, -0.8147



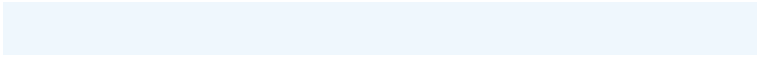
0.0000, 0.0000, 0.0000



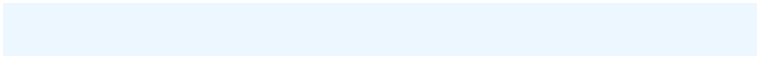
128.0000, 0.0000, 0.0000

Same Dimension

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



245.2920, 3.8000, -5.5181



244.9220, 4.9685, -6.9476



241.1830, 5.8258, -1.9145



121.7760, 3.0684, -4.1886



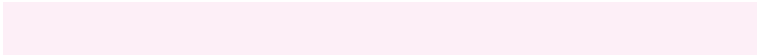
85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Inverse Universe

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



244.0980, 1.4307, 7.8071



243.5220, 1.7147, 10.0662



250.8170, -5.8258, 1.9145



120.9730, 0.9993, 6.1627



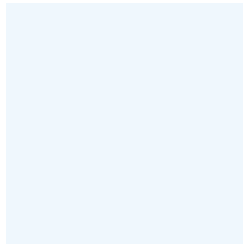
69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 245.2920, 3.8000, -5.5181 looks on a white background.

Color Contrast Check

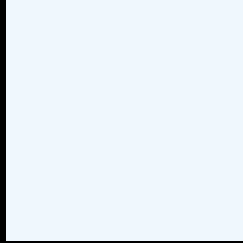
Large Text (above 18pt) WCAG AA × Fail

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 245.2920, 3.8000, -5.5181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

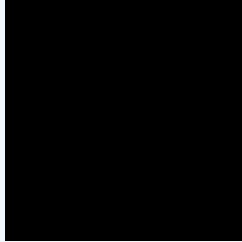
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

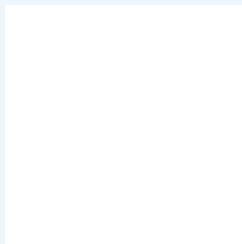
Any Text WCAG AAA ✓ Pass

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

YUV 245.2920, 3.8000, -5.5181 Background



This preview shows how black text looks on a background with the YUV color 245.2920, 3.8000, -5.5181.



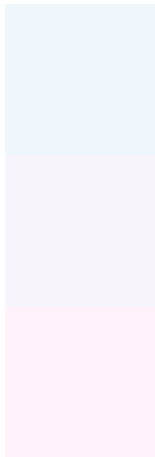
This preview shows how white text looks on a background with the YUV color 245.2920, 3.8000, -5.5181.

-5.581.

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

245.2920, 3.8000, -5.5181

Protanopia

245.9940, 2.4680, 1.7593

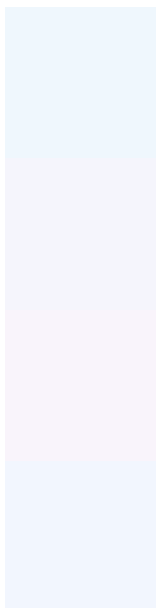
Deuteranopia

246.7990, 1.5781, 7.1923

Tritanopia

245.5420, 4.6628, -2.2293

Trichromacy



Original Color

245.2920, 3.8000, -5.5181

Protanomaly

245.7980, 3.0576, -0.6998

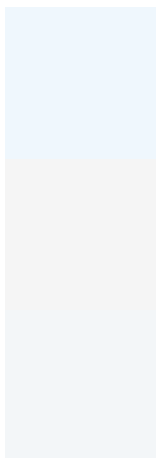
Deuteranomaly

246.2930, 2.3206, 2.3740

Tritanomaly

245.7160, 4.0840, -3.2589

Monochromacy



Original Color

245.2920, 3.8000, -5.5181

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.2920, 3.8000, -5.5181 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(239, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 247, 253)  
}
```

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(239, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 247, 253) }
```

Border

The CSS property to change the border of an element to YUV 245.2920, 3.8000, -5.5181 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(239, 247, 253) }
```


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

```
.border{ border-color:rgb(239, 247, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 247,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 245.2920, 3.8000, -5.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 247, 253) }
```

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

```
.background{ background-color: rgb(239,  
247, 253) }
```

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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