

Converting Colors

YUV(244.0920, 0.4476, -3.5887)

Have a look what the booklet for
YUV(244.0920, 0.4476, -3.5887)
contains.

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Color

**YUV(244.0920, 0.4476,
-3.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F6F5
RGB	240, 246, 245
RGB Percent	94%, 96%, 96%
CMY	0.0588, 0.0353, 0.0392
CMYK	0.02, 0.00, 0.00, 0.04
HSL	170°, 25%, 95%
HSV	170°, 2%, 96%
XYZ	85.3724, 91.0294, 99.4570
YIQ	244.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

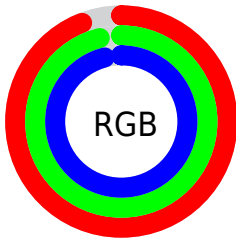
Format	Color
R_{YB}	240, 243, 246
Decimal	15791861
CIE Lab	96.42, -2.15, -0.22
CIE LCh	96, 2.165, 185.896
Yxy	91.0294, 0.3095, 0.3300
Android (android.graphics.Color)	4293981941 (0xFFFF0F6F5)
YUV	244.0920, 0.4476, -3.5887
Hunter-Lab	95.4093, -7.2443, 4.9812

Details

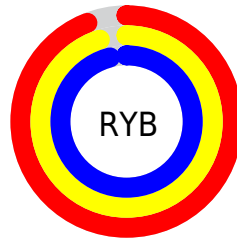
The YUV color $244.0920, 0.4476, -3.5887$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.9080, -0.4476, 3.5887$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.0920, 0.4476, -3.5887$ is the 20% darker color. If you saturate the color by 10%, you get $236.1610, 2.3856, -18.5582$, and if you desaturate by 10%, it is $249.0330, -0.0163, 5.2331$.

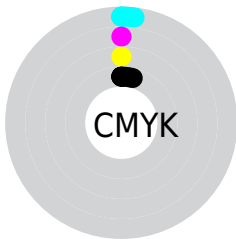
Distribution



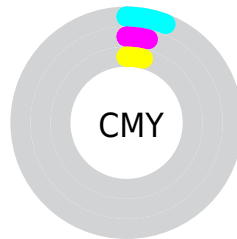
- Red (94%)
- Green (96%)
- Blue (96%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.0920, 0.4476, -3.5887 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 244.0920, 0.4476, -3.5887 by changing the saturation by 10% instead.

244.0920, 0.4476,
-3.5887

244.0920, 0.4476,
-3.5887

255.0000, 0.0000,
0.0000

216.0920, 0.4476,
-3.5887

188.0920, 0.4476,
-3.5887

161.0920, 0.4476,
-3.5887

134.5050, 0.7370,
-3.0739

109.3910, 0.3002,
-2.9739

85.3910, 0.3002,
-2.9739

62.3910, 0.3002,

-2.9739

■ 40.3910, 0.3002,
-2.9739

■ 19.3910, 0.3002,
-2.9739

■ 244.0920, 0.4476,
-3.5887

■ 244.0920, 0.4476,
-3.5887

■ 236.1610, 2.3856,
-18.5582

■ 249.0330, -0.0163,
5.2331

■ 228.5290, 4.1762,
-32.9129

■ 249.4890, 1.7309,
4.8331

■ 220.5980, 6.1142,
-47.8824

■ 249.7170, 2.6045,
4.6332

■ 212.9660, 7.9048,
-62.2372

■ 205.0350, 9.8427,
-77.2067

■ 196.9900, 11.3439,
-92.0762

■ 189.3580, 13.1345,
-106.4310

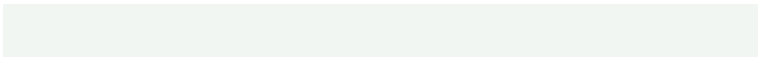
■ 181.4270, 15.0725,
-121.4005

■ 173.7950, 16.8631,
-135.7552

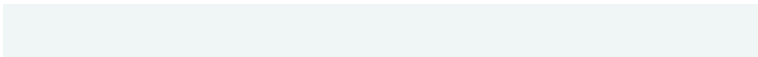
Harmonies

Analogous

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



244.1630, -0.5734, -2.7740



244.0920, 0.4476, -3.5887



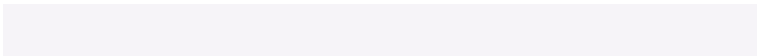
244.3200, 1.3212, -3.7886

Triad

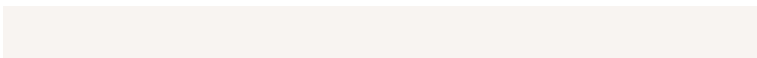
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.0920, 0.4476, -3.5887



245.0540, 1.4524, 0.8296



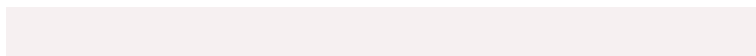
244.8540, -1.9000, 2.7590

Complementary

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



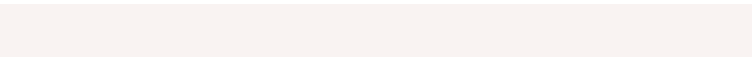
244.0920, 0.4476, -3.5887



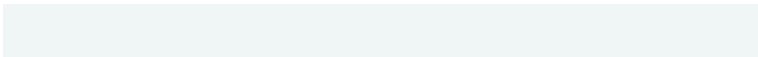
241.9080, -0.4476, 3.5887

Split Complementary

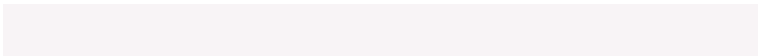
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.6800, -1.3212, 3.7886



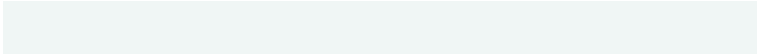
244.0920, 0.4476, -3.5887



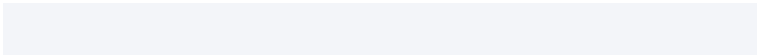
245.4240, 0.2840, 2.2592

Square

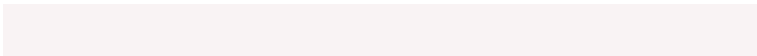
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



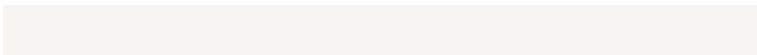
244.0920, 0.4476, -3.5887



244.8580, 2.0420, -1.6295



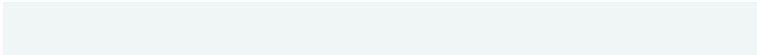
244.9080, -0.4476, 3.5887



244.8430, -1.8946, 1.0147

Rectangle

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



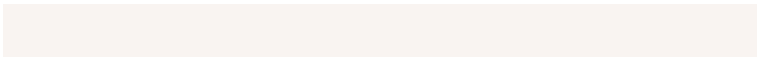
244.0920, 0.4476, -3.5887



244.4340, 1.7580, -3.8886



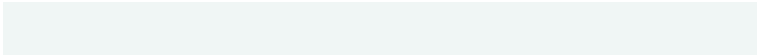
244.9080, -0.4476, 3.5887



245.1530, -2.0474, 3.3738

Sweetspot

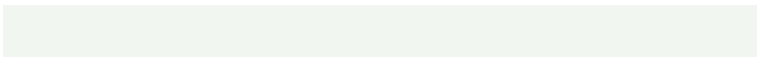
The Sweet Spot groups the original color and five complimentary colors.



244.0920, 0.4476, -3.5887



254.1030, 0.4422, -1.8443



243.8210, -1.8838, -2.4740



127.2880, -0.1420, -1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

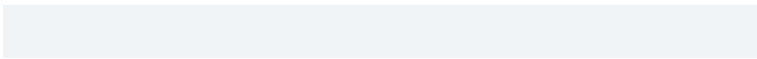
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.0920, 0.4476, -3.5887



252.4940, 0.7425, -4.8182



243.0320, 1.4632, -2.6591



120.8040, 0.5896, -2.4591



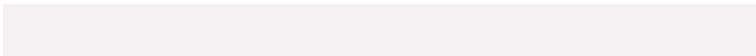
126.8520, 13.8770, -111.2492



40.2190, 4.3290, -35.2721

Inverse Universe

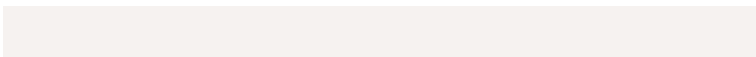
The Inverse Universe completely reimagines the original color for something new.



241.9080, -0.4476, 3.5887



249.6200, -0.3057, 4.7183



242.9680, -1.4632, 2.6591



119.1960, -0.5896, 2.4591



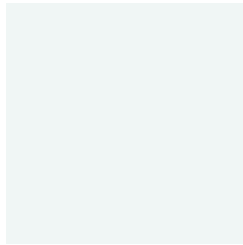
59.1480, -13.8770, 111.2492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 244.0920, 0.4476, -3.5887 looks on a white background.

Color Contrast Check

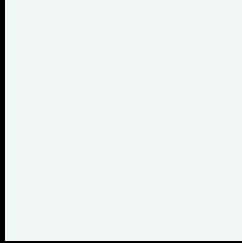
Large Text (above 18pt) WCAG AA × Fail

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 244.0920, 0.4476, -3.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

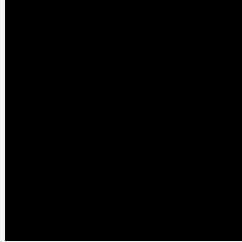
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

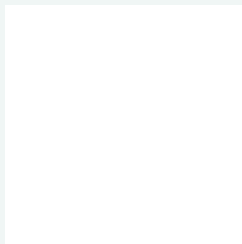
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.0920, 0.4476, -3.5887

Background



This preview shows how black text looks on a background with the YUV color 244.0920, 0.4476, -3.5887.



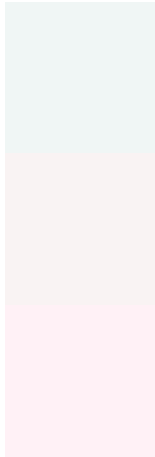
This preview shows how white text looks on a background with the YUV color 244.0920, 0.4476,

-3.5887.

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

244.0920, 0.4476, -3.5887

Protanopia

244.7940, -0.8844, 3.6887

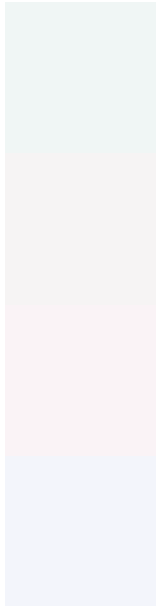
Deuteranopia

245.7560, 0.1203, 8.1070

Tritanopia

245.2540, 4.8048, -1.0998

Trichromacy



Original Color

244.0920, 0.4476, -3.5887

Protanomaly

244.5980, -0.2948, 1.2296

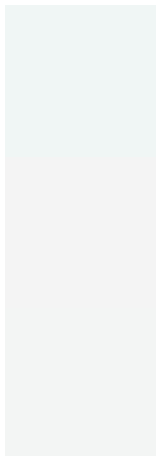
Deuteranomaly

245.4350, 0.2785, 4.0035

Tritanomaly

245.0860, 2.9156, -1.8294

Monochromacy



Original Color

244.0920, 0.4476, -3.5887

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.2880, -0.1420, -1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.0920, 0.4476, -3.5887 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(240, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 246, 245)  
}
```

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(240, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 246, 245) }
```

Border

The CSS property to change the border of an element to YUV 244.0920, 0.4476, -3.5887 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(240, 246, 245) }
```


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

```
.border{ border-color:rgb(240, 246, 245) }
```

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

Here you see how a box with a 4 pixel rgb(240, 246, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 246,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 244.0920, 0.4476, -3.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 246, 245) }
```

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

```
.background{ background-color: rgb(240,  
246, 245) }
```

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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