

Converting Colors

YUV(245.8220, -3.3632, 5.4181)

Have a look what the booklet for
YUV(245.8220, -3.3632, 5.4181)
contains.

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Color

**YUV(245.8220, -3.3632,
5.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF4EF
RGB	252, 244, 239
RGB Percent	99%, 96%, 94%
CMY	0.0118, 0.0431, 0.0627
CMYK	0.00, 0.03, 0.05, 0.01
HSL	23°, 68%, 96%
HSV	23°, 5%, 99%
XYZ	88.0756, 91.6288, 94.7054
YIQ	245.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

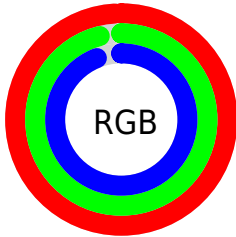
Format	Color
R _Y B	252, 247, 239
Decimal	16577775
CIE Lab	96.67, 1.82, 3.34
CIE LCh	97, 3.808, 61.380
Yxy	91.6288, 0.3210, 0.3339
Android (android.graphics.Color)	4294767855 (0xFFFCF4EF)
YUV	245.8220, -3.3632, 5.4181
Hunter-Lab	95.7229, -3.2757, 8.3463

Details

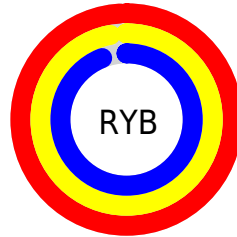
The YUV color $245.8220, -3.3632, 5.4181$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.1780, 3.3632, -5.4181$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.5230, -3.2158, 4.8033$ is the 20% darker color. If you saturate the color by 10%, you get $233.5800, -9.6529, 16.1543$, and if you desaturate by 10%, it is $254.1030, 0.4422, -1.8443$.

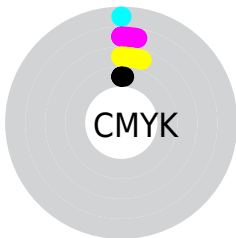
Distribution



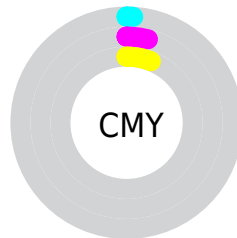
- Red (99%)
- Green (96%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.8220, -3.3632, 5.4181 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 245.8220, -3.3632, 5.4181 by changing the saturation by 10% instead.

245.8220, -3.3632,
5.4181

245.8220, -3.3632,
5.4181

255.0000, 0.0000,
0.0000

217.5230, -3.2158,
4.8033

189.5230, -3.2158,
4.8033

162.5230, -3.2158,
4.8033

136.5230, -3.2158,
4.8033

110.6370, -2.7790,
4.7034

86.6370, -2.7790,
4.7034

63.3380, -2.6316,

4.0886

■ 41.3380, -2.6316,
4.0886

■ 20.9250, -2.9210,
3.5738

■ 245.8220, -3.3632,
5.4181

■ 245.8220, -3.3632,
5.4181

■ 233.5800, -9.6529,
16.1543

254.1030, 0.4422,
-1.8443

■ 221.9250,
-16.2320, 26.3758

■ 209.5690,
-22.9585, 37.2120

■ 197.9140,
-29.5376, 47.4334

■ 185.6720,
-35.8273, 58.1697

■ 174.0170,
-42.4064, 68.3911

■ 161.7750,
-48.6961, 79.1273

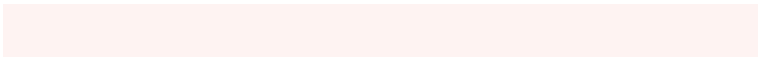
■ 150.0060,
-55.7120, 89.4487

■ 137.7640,
-62.0017, 100.1850

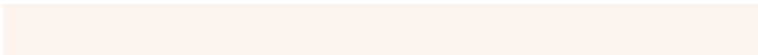
Harmonies

Analogous

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



246.1750, -2.0583, 6.8625



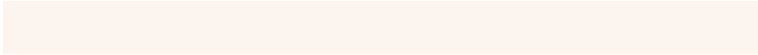
245.8220, -3.3632, 5.4181



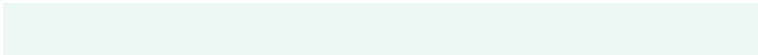
245.3980, -3.6472, 3.1590

Triad

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



245.8220, -3.3632, 5.4181



244.3690, 0.3111, -6.4626



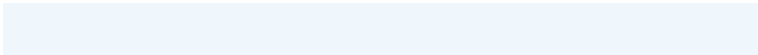
245.5100, 3.1996, 0.4297

Complementary

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



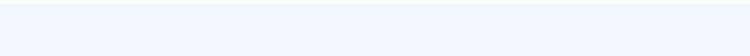
245.8220, -3.3632, 5.4181



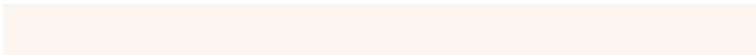
245.1780, 3.3632, -5.4181

Split Complementary

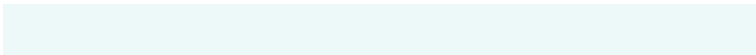
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6020, 3.6472, -3.1590



245.8220, -3.3632, 5.4181



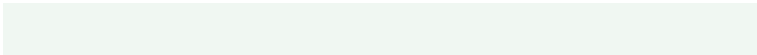
244.8250, 2.0583, -6.8625

Square

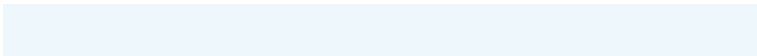
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.8220, -3.3632, 5.4181



244.3370, -1.1521, -3.8035



244.8790, 3.5107, -6.0329



246.0760, 1.4415, 4.3183

Rectangle

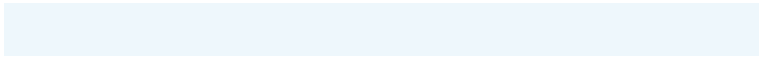
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.8220, -3.3632, 5.4181



245.0880, -3.4944, 0.7998



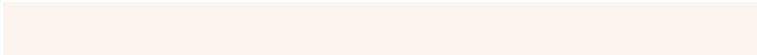
244.8790, 3.5107, -6.0329



245.7980, 3.0576, -0.6998

Sweetspot

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



245.8220, -3.3632, 5.4181



252.6690, -1.3158, 2.0443



243.7990, 1.5781, 7.1923



126.4840, -0.7316, 1.3295



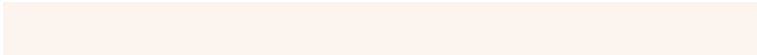
0.0000, 0.0000, 0.0000



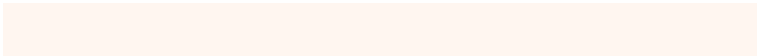
128.0000, 0.0000, 0.0000

Same Dimension

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



245.8220, -3.3632, 5.4181



248.0070, -3.9475, 6.1329



249.3440, -5.0996, 2.3293



121.0390, -2.4842, 3.4738



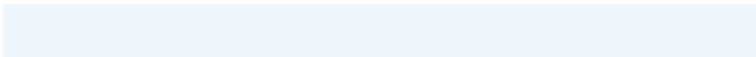
99.3620, -48.9855, 78.6125



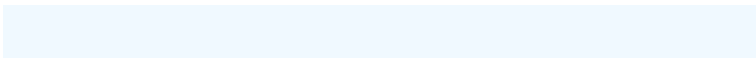
32.3270, -15.9372, 25.1462

Inverse Universe

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



245.1780, 3.3632, -5.4181



246.9930, 3.9475, -6.1329



241.6560, 5.0996, -2.3293



120.5480, 2.1948, -3.9886



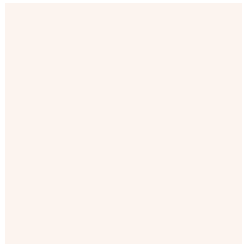
89.6380, 48.9855, -78.6125



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 245.8220, -3.3632, 5.4181 looks on a white background.

Color Contrast Check

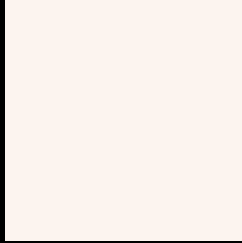
Large Text (above 18pt) WCAG AA × Fail

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 245.8220, -3.3632, 5.4181 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

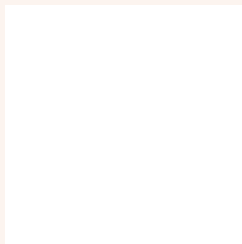
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.8220, -3.3632, 5.4181

Background



This preview shows how black text looks on a background with the YUV color 245.8220, -3.3632, 5.4181.



This preview shows how white text looks on a background with the YUV color 245.8220, -3.3632,

5.4131.

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

245.8220, -3.3632, 5.4181

Protanopia

245.5230, -3.2158, 4.8033

Deuteranopia

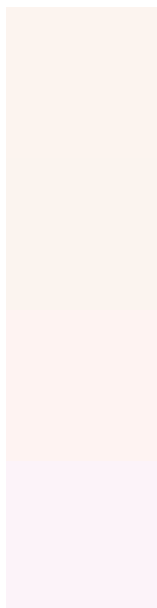
246.7020, -1.3321, 7.2773



Tritanopia

246.4720, 4.2043, 4.8481

Trichromacy



Original Color

245.8220, -3.3632, 5.4181

Protanomaly

245.5230, -3.2158, 4.8033

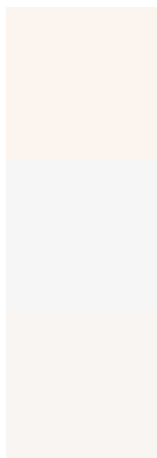
Deuteranomaly

246.1750, -2.0583, 6.8625

Tritanomaly

246.3750, 1.2941, 4.9331

Monochromacy



Original Color

245.8220, -3.3632, 5.4181

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.6690, -1.3158, 2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.8220, -3.3632, 5.4181 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(252, 244, 239)` looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 239)  
}
```

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(252, 244, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 239) }
```

Border

The CSS property to change the border of an element to YUV 245.8220, -3.3632, 5.4181 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(252, 244, 239) }
```


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

```
.border{ border-color:rgb(252, 244, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 244, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 245.8220, -3.3632, 5.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 239) }
```

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

```
.background{ background-color: rgb(252,  
244, 239) }
```

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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