

Converting Colors

YUV(244.6330, -6.7211, 9.0919)

Have a look what the booklet for
YUV(244.6330, -6.7211, 9.0919)
contains.

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Color

**YUV(244.6330, -6.7211,
9.0919)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2E7
RGB	255, 242, 231
RGB Percent	100%, 95%, 91%
CMY	0.0000, 0.0510, 0.0941
CMYK	0.00, 0.05, 0.09, 0.00
HSL	27°, 100%, 95%
HSV	27°, 9%, 100%
XYZ	87.4159, 90.5338, 88.4688
YIQ	244.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

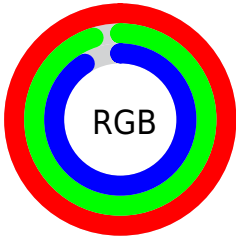
Format	Color
R_{YB}	255, 251, 231
Decimal	16773863
CIE Lab	96.22, 2.55, 6.85
CIE LCh	96, 7.310, 69.613
Yxy	90.5338, 0.3281, 0.3398
Android (android.graphics.Color)	4294963943 (0xFFFFF2E7)
YUV	244.6330, -6.7211, 9.0919
Hunter-Lab	95.1492, -2.5189, 11.4773

Details

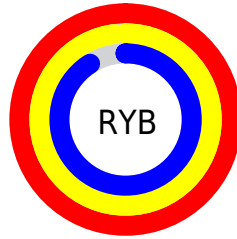
The YUV color $244.6330, -6.7211, 9.0919$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.3670, 6.7211, -9.0919$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.3340, -6.5737, 8.4771$ is the 20% darker color. If you saturate the color by 10%, you get $233.5650, -13.5895, 18.7985$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

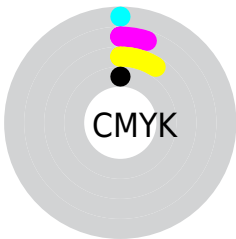
Distribution



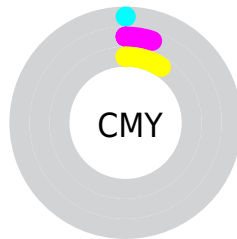
- Red (100%)
- Green (95%)
- Blue (91%)



- Red (100%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.6330, -6.7211, 9.0919 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 244.6330, -6.7211, 9.0919 by changing the saturation by 10% instead.


 244.6330, -6.7211,
9.0919


 244.6330, -6.7211,
9.0919

255.0000, 0.0000,
0.0000


 216.3340, -6.5737,
8.4771

 188.3340, -6.5737,
8.4771

 161.4480, -6.1369,
8.3771

 135.1490, -5.9895,
7.7623

 110.1490, -5.9895,
7.7623

 85.2630, -5.5527,
7.6623

 62.0780, -4.9685,

6.9476

■ 40.4800, -4.6736,
5.7180

■ 19.6220, -6.7156,
7.3475

■ 244.6330, -6.7211,
9.0919

■ 244.6330, -6.7211,
9.0919

■ 233.5650,
-13.5895, 18.7985

255.0000, 0.0000,
0.0000

■ 222.3830,
-20.8948, 28.6051

■ 211.9020,
-28.0527, 37.7969

■ 200.7200,
-35.3580, 47.6036

■ 189.6520,
-42.2264, 57.3102

■ 178.4700,
-49.5317, 67.1168

■ 167.4020,
-56.4002, 76.8234

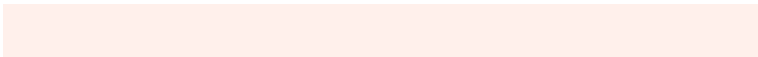
■ 156.2200,
-63.7055, 86.6301

■ 145.7390,
-70.8633, 95.8219

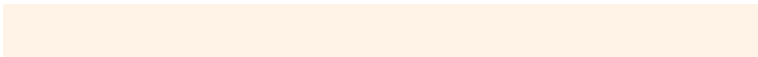
Harmonies

Analogous

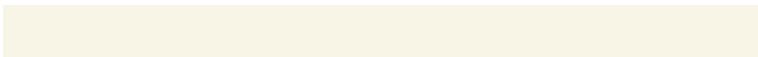
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.9150, -4.3951, 9.7215



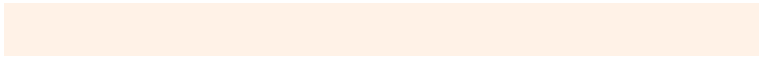
244.6330, -6.7211, 9.0919



243.6000, -6.7048, 3.8588

Triad

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



244.6330, -6.7211, 9.0919



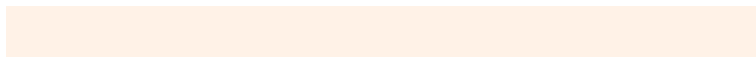
241.7920, 2.0745, -12.0956



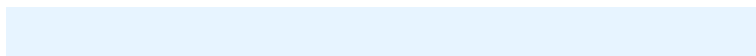
245.2760, 4.7939, 2.3889

Complementary

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



244.6330, -6.7211, 9.0919



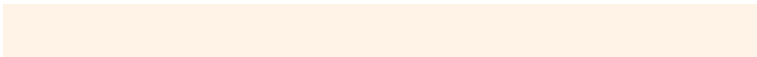
241.3670, 6.7211, -9.0919

Split Complementary

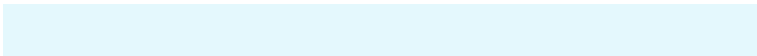
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.0580, 5.3944, -3.5589



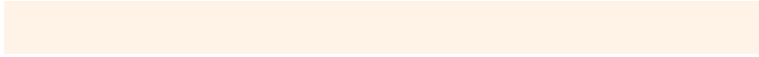
244.6330, -6.7211, 9.0919



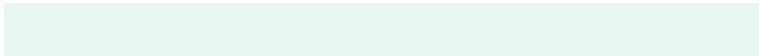
242.5900, 5.1321, -12.7954

Square

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



244.6330, -6.7211, 9.0919



242.1900, -1.5727, -8.9366



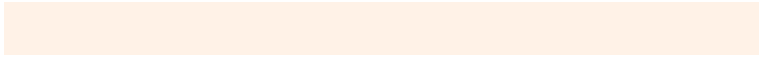
242.8400, 5.9949, -9.5067



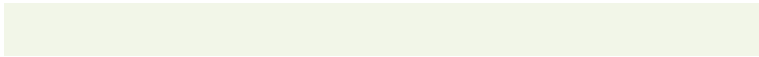
245.5110, 1.7201, 8.3219

Rectangle

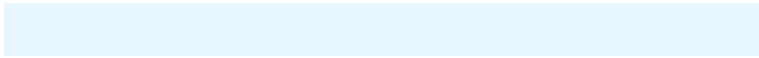
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.6330, -6.7211, 9.0919



243.2080, -5.5255, -1.0594



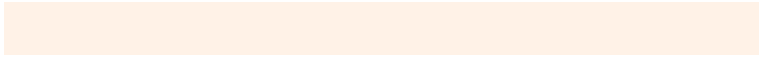
242.8400, 5.9949, -9.5067



244.6780, 5.0887, 1.1594

Sweetspot

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



244.6330, -6.7211, 9.0919



251.7400, -2.3368, 2.8590



239.6580, 2.1406, 13.4549



125.5550, -1.7526, 2.1443



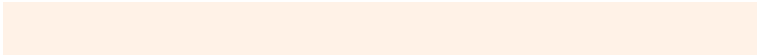
0.0000, 0.0000, 0.0000



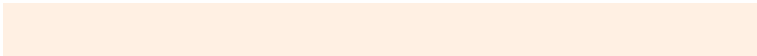
128.0000, 0.0000, 0.0000

Same Dimension

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



244.6330, -6.7211, 9.0919



243.0030, -7.8895, 10.5214



251.6770, -10.1938, 2.9143



122.4090, -3.6526, 4.9033



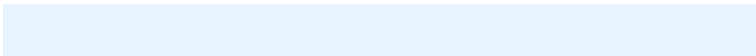
108.7650, -53.6211, 72.1201



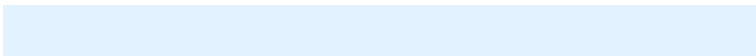
36.1590, -17.8264, 24.4166

Inverse Universe

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



241.3670, 6.7211, -9.0919



238.9970, 7.8895, -10.5214



234.3230, 10.1938, -2.9143



120.5910, 3.6526, -4.9033



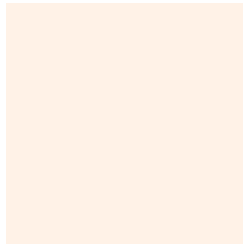
82.8220, 53.3318, -72.6349



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 244.6330, -6.7211, 9.0919 looks on a white background.

Color Contrast Check

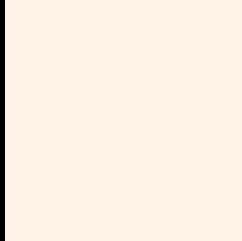
Large Text (above 18pt) WCAG AA × Fail

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 244.6330, -6.7211, 9.0919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

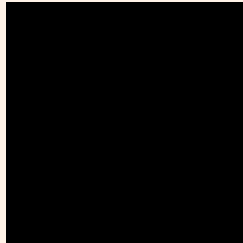
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

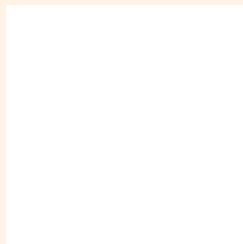
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.6330, -6.7211, 9.0919

Background



This preview shows how black text looks on a background with the YUV color 244.6330, -6.7211, 9.0919.

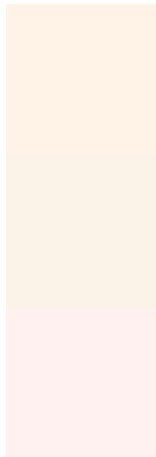


This preview shows how white text looks on a background with the YUV color 244.6330, -6.7211,

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

244.6330, -6.7211, 9.0919

Protanopia

244.1380, -5.9840, 6.0180

Deuteranopia

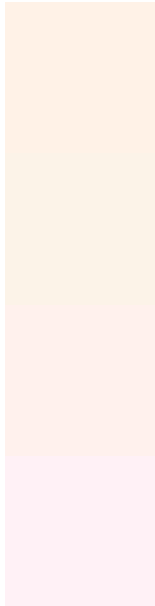
245.0720, -2.5005, 8.7069



Tritanopia

246.0810, 3.9041, 7.8220

Trichromacy



Original Color

244.6330, -6.7211, 9.0919

Protanomaly

244.4370, -6.1314, 6.6328

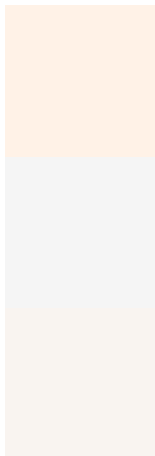
Deuteranomaly

244.7300, -3.8109, 9.0068

Tritanomaly

245.7560, 0.1203, 8.1070

Monochromacy



Original Color

244.6330, -6.7211, 9.0919

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.6330, -6.7211, 9.0919 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(255, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 231)  
}
```

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(255, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 231) }
```

Border

The CSS property to change the border of an element to YUV 244.6330, -6.7211, 9.0919 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(255, 242, 231) }
```


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

```
.border{ border-color:rgb(255, 242, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 242, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 244.6330, -6.7211, 9.0919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 231) }
```

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

```
.background{ background-color: rgb(255,  
242, 231) }
```

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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