

Converting Colors

YUV(245.2220, -33.6334,
7.6983)

Have a look what the booklet for
YUV(245.2220, -33.6334, 7.6983)
contains.

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Color

**YUV(245.2220, -33.6334,
7.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFEB1
RGB	254, 254, 177
RGB Percent	100%, 100%, 69%
CMY	0.0039, 0.0039, 0.3059
CMYK	0.00, 0.00, 0.30, 0.00
HSL	60°, 97%, 85%
HSV	60°, 30%, 100%
XYZ	84.2507, 95.1288, 55.5162
YIQ	245.2220, 24.7170, -23.9470

Conversions

Conversions Part 2

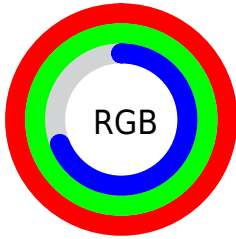
Format	Color
RYB	177, 254, 177
Decimal	16711345
CIELab	98.09, -11.44, 36.92
CIELCh	98, 38.653, 107.220
Yxy	95.1288, 0.3587, 0.4050
Android (android.graphics.Color)	4294901425 (0xFFFEFEB1)
YUV	245.2220, -33.6334, 7.6983
Hunter-Lab	97.5340, -16.4947, 34.5260

Details

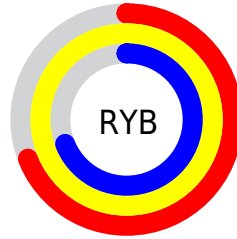
The YUV color $245.2220, -33.6334, 7.6983$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $185.7780, 33.6334, -7.6983$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $188.3790, -31.7388, 6.6836$ is the 20% darker color. If you saturate the color by 10%, you get $242.3720, -44.5534, 10.1978$, and if you desaturate by 10%, it is $248.0720, -22.7135, 5.1989$.

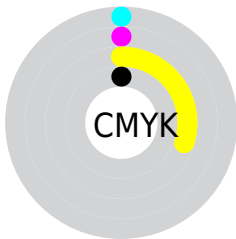
Distribution



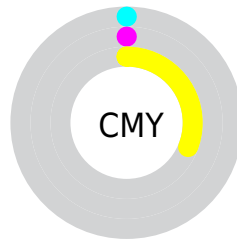
- Red (100%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.2220, -33.6334, 7.6983 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 245.2220, -33.6334, 7.6983 by changing the saturation by 10% instead.

245.2220,
-33.6334, 7.6983

245.2220,
-33.6334, 7.6983

255.0000, 0.0000,
0.0000

216.4500,
-32.7598, 7.4984

252.4920, -9.6096,
2.1995

188.3790,
-31.7388, 6.6836

161.4930,
-31.3020, 6.5836

135.0090,
-30.5704, 5.2541

109.2370,
-29.6968, 5.0542

84.6390, -29.4020,
3.8246

60.2260, -29.6914,

3.3098

■ 40.4350, -19.9345,
0.4955

■ 20.3340, -10.0247,
-4.6779

■ 245.2220,
-33.6334, 7.6983

■ 245.2220,
-33.6334, 7.6983

■ 242.3720,
-44.5534, 10.1978

■ 248.0720,
-22.7135, 5.1989

■ 239.4080,
-55.9101, 12.7972

■ 251.0360,
-11.3567, 2.5994

■ 236.5580,
-66.8301, 15.2966

■ 253.8860, -0.4368,
0.1000

■ 233.5940,
-78.1868, 17.8961

■ 254.1140, 0.4368,
-0.1000

■ 230.7440,
-89.1068, 20.3955

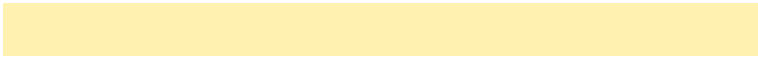
■ 227.8940,
-100.0267, 22.8950

■ 225.0440,
-110.9467, 25.3944

Harmonies

Analogous

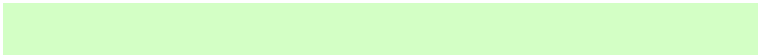
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4770, -30.3082, 14.4907



245.2220, -33.6334, 7.6983



235.2320, -18.8484, -21.2515

Triad

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



245.2220, -33.6334, 7.6983



219.7180, 17.3940, -72.5437



236.2160, 9.2605, 16.4736

Complementary

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



245.2220, -33.6334, 7.6983



185.7780, 33.6334, -7.6983

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.



241.4990, 6.6560, 11.8404



245.2220, -33.6334, 7.6983



231.9770, 11.3503, -47.3378

Square

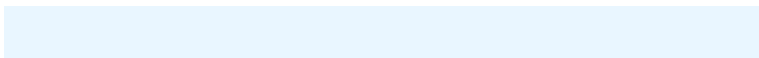
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



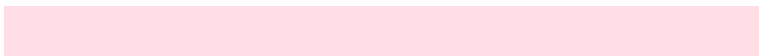
245.2220, -33.6334, 7.6983



219.1200, 17.6888, -73.7732



243.1390, 5.8475, -8.8919



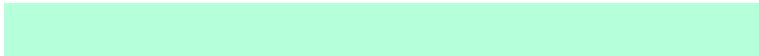
232.6650, -1.8068, 19.5878

Rectangle

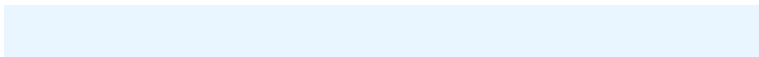
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.2220, -33.6334, 7.6983



229.0690, -4.9640, -41.2795



243.1390, 5.8475, -8.8919



237.9770, 8.3923, 14.9292

Sweetspot

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



245.2220, -33.6334, 7.6983



252.3780, -10.0464, 2.2995



200.0230, -11.3503, 47.3378



126.2900, -6.5520, 1.4997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

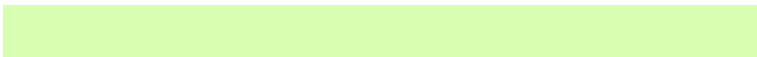
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.2220, -33.6334, 7.6983



244.5120, -40.1854, 9.1980



233.8600, -28.0320, -15.6632



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



185.7780, 33.6334, -7.6983



173.4880, 40.1854, -9.1980



197.4390, 27.8846, 16.2780



116.4820, 5.6784, -1.2997



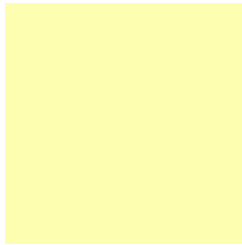
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 245.2220, -33.6334, 7.6983 looks on a white background.

Color Contrast Check

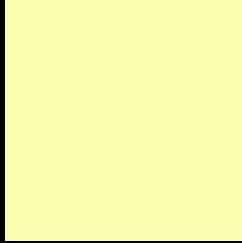
Large Text (above 18pt) WCAG AA × Fail

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 245.2220, -33.6334, 7.6983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

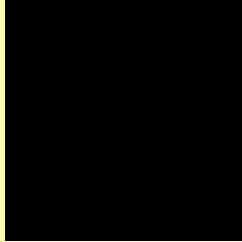
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.2220, -33.6334, 7.6983

Background



This preview shows how black text looks on a background with the YUV color 245.2220, -33.6334, 7.6983.

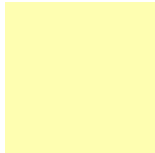


This preview shows how white text looks on a background with the YUV color 245.2220, -33.6334, 7.6983.

Color Blindness Simulation

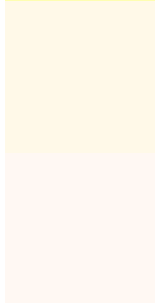
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

245.2220, -33.6334, 7.6983



Protanopia

248.8560, -8.3100, 5.3883

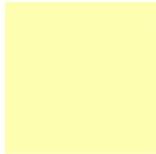
Deuteranopia

249.5230, -3.2158, 4.8033

Tritanopia

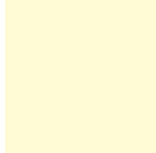
250.1900, 1.8783, 4.2184

Trichromacy



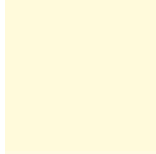
Original Color

245.2220, -33.6334, 7.6983



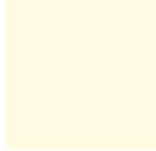
Protanomaly

247.7500, -17.6247, 6.3582



Deuteranomaly

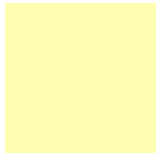
247.9610, -14.2778, 6.1732



Tritanomaly

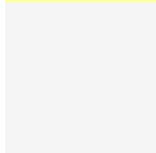
248.7590, -11.2202, 5.4734

Monochromacy



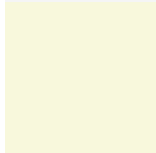
Original Color

245.2220, -33.6334, 7.6983



Achromatopsia

245.0000, 0.0000, 0.0000



Achromatomaly

244.8080, -12.2303, 2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.2220, -33.6334, 7.6983 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(254, 254, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 177)  
}
```

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(254, 254, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 177) }
```

Border

The CSS property to change the border of an element to YUV 245.2220, -33.6334, 7.6983 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(254, 254, 177) }
```


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

```
.border{ border-color:rgb(254, 254, 177) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 245.2220, -33.6334, 7.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 177) }
```

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

```
.background{ background-color: rgb(254,  
254, 177) }
```

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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