

Converting Colors

YUV(233.5520, -7.1741,
14.4249)

Have a look what the booklet for
YUV(233.5520, -7.1741, 14.4249)
contains.

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Color

**YUV(233.5520, -7.1741,
14.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE4DB
RGB	250, 228, 219
RGB Percent	98%, 89%, 86%
CMY	0.0196, 0.1059, 0.1412
CMYK	0.00, 0.09, 0.12, 0.02
HSL	17°, 76%, 92%
HSV	17°, 12%, 98%
XYZ	79.9539, 80.9253, 78.4239
YIQ	233.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

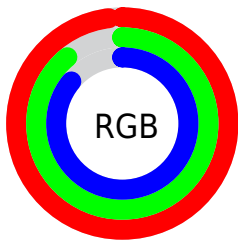
Format	Color
R _Y B	250, 232, 219
Decimal	16442587
CIE Lab	92.10, 6.05, 7.10
CIE LCh	92, 9.329, 49.546
Yxy	80.9253, 0.3341, 0.3382
Android (android.graphics.Color)	4294632667 (0xFFFAE4DB)
YUV	233.5520, -7.1741, 14.4249
Hunter-Lab	89.9585, 1.2212, 11.2831

Details

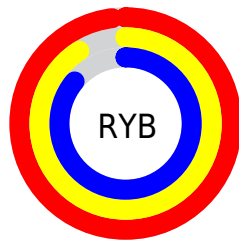
The YUV color $233.5520, -7.1741, 14.4249$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.4480, 7.1741, -14.4249$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.9540, -6.8793, 13.1953$ is the 20% darker color. If you saturate the color by 10%, you get $220.1360, -12.8850, 26.1907$, and if you desaturate by 10%, it is $246.9680, -1.4632, 2.6591$.

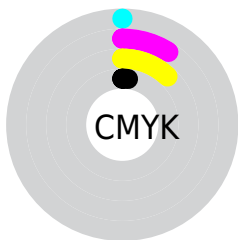
Distribution



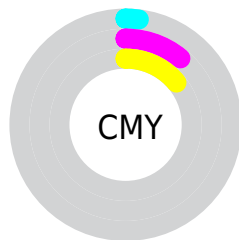
- Red (98%)
- Green (89%)
- Blue (86%)



- Red (98%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.5520, -7.1741, 14.4249 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 233.5520, -7.1741, 14.4249 by changing the saturation by 10% instead.

 233.5520, -7.1741,
14.4249

 233.5520, -7.1741,
14.4249

255.0000, 0.0000,
0.0000


 205.2530, -7.0267,
13.8101

 177.9540, -6.8793,
13.1953

 151.0680, -6.4425,
13.0954

 125.0680, -6.4425,
13.0954

 100.4700, -6.1477,
11.8658

 76.2850, -5.5635,
11.1511

 53.1000, -4.9793,

10.4363

■ 31.8010, -4.8319,
9.8215

■ 8.6380, -4.2585,
12.5955

■ 233.5520, -7.1741,
14.4249

■ 233.5520, -7.1741,
14.4249

■ 220.1360,
-12.8850, 26.1907

■ 246.9680, -1.4632,
2.6591

■ 207.3070,
-18.8854, 37.4418

■ 253.5050, 0.7370,
-3.0739

■ 193.8910,
-24.5963, 49.2076

■ 180.4750,
-30.3072, 60.9734

■ 167.0590,
-36.0181, 72.7393

■ 154.2300,
-42.0184, 83.9903

■ 140.8140,
-47.7293, 95.7561

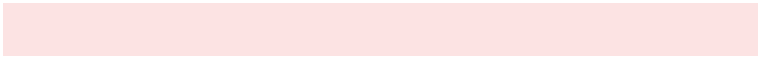
■ 127.3980,
-53.4402, 107.5220

■ 117.6010,
-57.9773, 116.1139

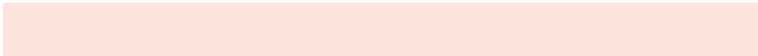
Harmonies

Analogous

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



234.4750, -3.6852, 15.3694



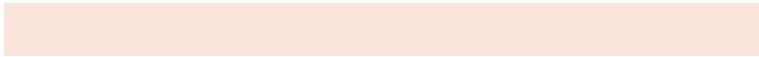
233.5520, -7.1741, 14.4249



232.7640, -8.7577, 8.9770

Triad

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



233.5520, -7.1741, 14.4249



230.0970, -0.5408, -13.2401



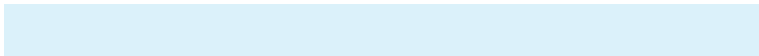
232.7530, 8.0098, -2.4144

Complementary

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



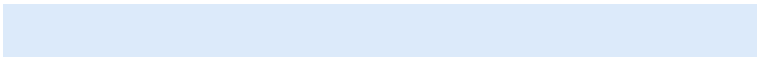
233.5520, -7.1741, 14.4249



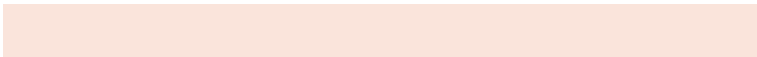
235.4480, 7.1741, -14.4249

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.



231.6380, 9.0525, -10.2065



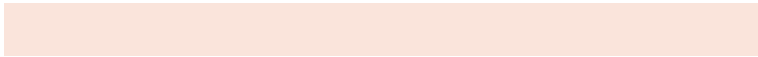
233.5520, -7.1741, 14.4249



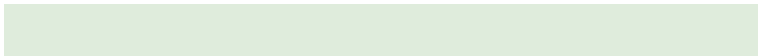
229.9270, 3.9800, -16.5990

Square

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



233.5520, -7.1741, 14.4249



230.2890, -5.0725, -6.3925



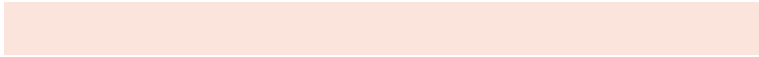
229.9640, 7.9057, -15.7544



233.7110, 5.0725, 6.3925

Rectangle

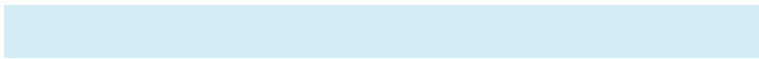
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.5520, -7.1741, 14.4249



232.1440, -8.4520, 4.2587



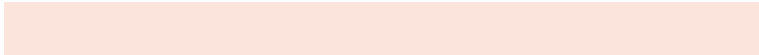
229.9640, 7.9057, -15.7544



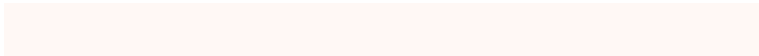
232.5570, 8.5994, -4.8735

Sweetspot

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



233.5520, -7.1741, 14.4249



249.7510, -2.3422, 4.6034



230.7770, 5.0399, 16.8586



124.2670, -1.6106, 3.2738



0.0000, 0.0000, 0.0000



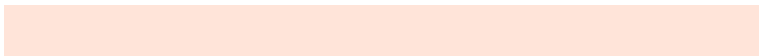
128.0000, 0.0000, 0.0000

Same Dimension

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



233.5520, -7.1741, 14.4249



234.8190, -8.7848, 17.6987



242.3570, -11.5150, 6.7029



118.2350, -3.0739, 5.9329



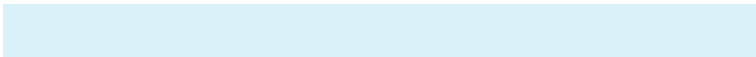
88.7960, -43.7764, 87.8789



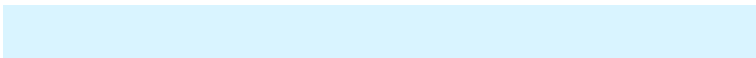
28.8050, -14.2009, 28.2350

Inverse Universe

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



235.4480, 7.1741, -14.4249



237.1810, 8.7848, -17.6987



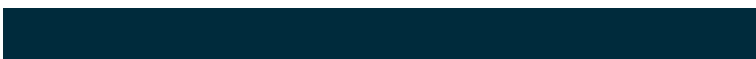
226.6430, 11.5150, -6.7029



118.7650, 3.0739, -5.9329



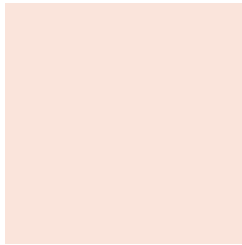
100.2040, 43.7764, -87.8789



32.1950, 14.2009, -28.2350

Previews

White Background



This preview shows how the YUV color 233.5520, -7.1741, 14.4249 looks on a white background.

Color Contrast Check

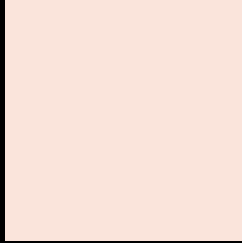
Large Text (above 18pt) WCAG AA × Fail

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 233.5520, -7.1741, 14.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

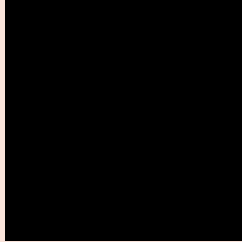
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.5520, -7.1741, 14.4249

Background



This preview shows how black text looks on a background with the YUV color 233.5520, -7.1741, 14.4249.

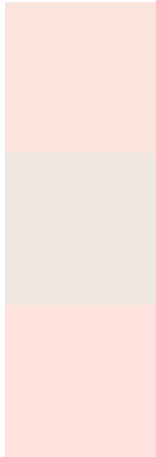


This preview shows how white text looks on a background with the YUV color 233.5520, -7.1741,

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

233.5520, -7.1741, 14.4249

Protanopia

232.2520, -5.5472, 5.9180

Deuteranopia

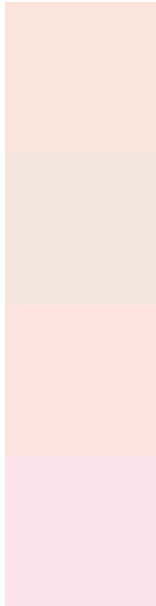
234.2150, -6.0220, 18.2284



Tritanopia

235.3100, 3.2982, 15.5141

Trichromacy



Original Color

233.5520, -7.1741, 14.4249

Protanomaly

232.7470, -6.2843, 8.9919

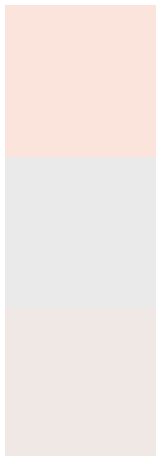
Deuteranomaly

234.0900, -6.4534, 16.5841

Tritanomaly

234.6860, -0.3382, 15.1844

Monochromacy



Original Color

233.5520, -7.1741, 14.4249

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.0500, -2.4896, 5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.5520, -7.1741, 14.4249 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(250, 228, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 228, 219)  
}
```

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(250, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 228, 219) }
```

Border

The CSS property to change the border of an element to YUV 233.5520, -7.1741, 14.4249 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(250, 228, 219) }
```


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

```
.border{ border-color:rgb(250, 228, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 228,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 233.5520, -7.1741, 14.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 228, 219) }
```

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

```
.background{ background-color: rgb(250,  
228, 219) }
```

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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