

Converting Colors

YUV(233.1920, -4.5317, 6.8476)

Have a look what the booklet for
YUV(233.1920, -4.5317, 6.8476)
contains.

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Color

**YUV(233.1920, -4.5317,
6.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E7E0
RGB	241, 231, 224
RGB Percent	95%, 91%, 88%
CMY	0.0549, 0.0941, 0.1216
CMYK	0.00, 0.04, 0.07, 0.05
HSL	25°, 38%, 91%
HSV	25°, 7%, 95%
XYZ	78.3061, 81.2344, 82.0736
YIQ	233.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

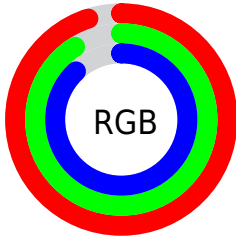
Format	Color
R _Y B	241, 236, 224
Decimal	15853536
CIE Lab	92.24, 2.20, 4.60
CIE LCh	92, 5.094, 64.471
Yxy	81.2344, 0.3241, 0.3362
Android (android.graphics.Color)	4294043616 (0xFFFF1E7E0)
YUV	233.1920, -4.5317, 6.8476
Hunter-Lab	90.1301, -2.6449, 9.1009

Details

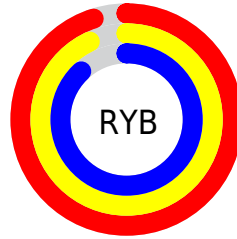
The YUV color $233.1920, -4.5317, 6.8476$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.8080, 4.5317, -6.8476$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.3060, -4.0949, 6.7476$ is the 20% darker color. If you saturate the color by 10%, you get $222.2380, -10.9633, 16.4543$, and if you desaturate by 10%, it is $244.1460, 1.9000, -2.7590$.

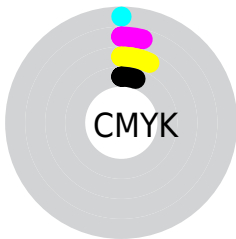
Distribution



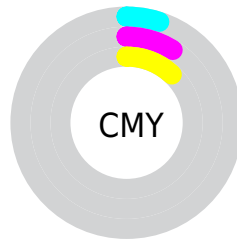
- Red (95%)
- Green (91%)
- Blue (88%)



- Red (95%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.1920, -4.5317, 6.8476 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 233.1920, -4.5317, 6.8476 by changing the saturation by 10% instead.

233.1920, -4.5317,
6.8476

233.1920, -4.5317,
6.8476

255.0000, 0.0000,
0.0000

205.1920, -4.5317,
6.8476

177.3060, -4.0949,
6.7476

150.8930, -4.3842,
6.2328

125.0070, -3.9475,
6.1329

100.0070, -3.9475,
6.1329

75.8220, -3.3632,
5.4181

53.4090, -3.6526,

4.9033

■ 32.2240, -3.0684,
4.1886

■ 8.6050, -4.2423,
7.3624

■ 233.1920, -4.5317,
6.8476

■ 233.1920, -4.5317,
6.8476

■ 222.2380,
-10.9633, 16.4543

■ 244.1460, 1.9000,
-2.7590

■ 211.2840,
-17.3950, 26.0609

■ 250.8140, 2.0637,
-8.6069

■ 199.7430,
-23.5373, 36.1824

■ 188.7890,
-29.9690, 45.7890

■ 177.7210,
-36.8375, 55.4957

■ 166.7670,
-43.2691, 65.1023

■ 155.8130,
-49.7008, 74.7090

■ 144.8590,
-56.1325, 84.3157

■ 133.3180,
-62.2748, 94.4371

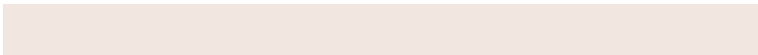
Harmonies

Analogous

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



233.8440, -3.3741, 8.9068



233.1920, -4.5317, 6.8476



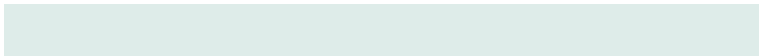
232.7570, -4.8102, 2.8441

Triad

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



233.1920, -4.5317, 6.8476



231.4720, 0.7533, -8.3069



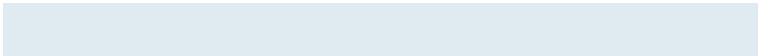
233.3360, 3.7784, 1.4593

Complementary

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



233.1920, -4.5317, 6.8476



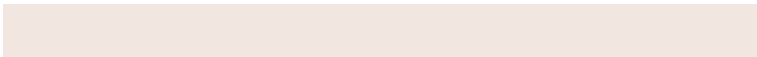
231.8080, 4.5317, -6.8476

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.



232.8300, 4.5208, -3.3589



233.1920, -4.5317, 6.8476



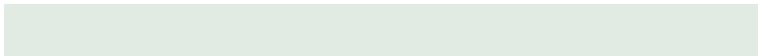
231.1560, 3.3741, -8.9068

Square

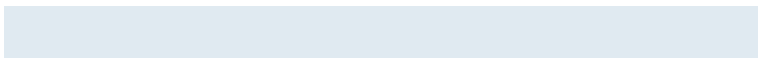
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1920, -4.5317, 6.8476



231.2120, -1.5835, -5.4479



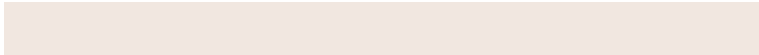
231.8080, 4.5317, -6.8476



233.7880, 1.5835, 5.4479

Rectangle

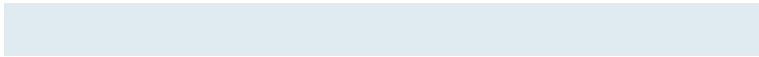
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.1920, -4.5317, 6.8476



232.2620, -4.0732, -0.2298



231.8080, 4.5317, -6.8476



233.4390, 4.2206, -0.3850

Sweetspot

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



233.1920, -4.5317, 6.8476



252.6690, -1.3158, 2.0443



230.2230, 1.8621, 9.4514



126.4840, -0.7316, 1.3295



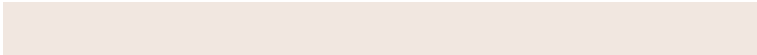
0.0000, 0.0000, 0.0000



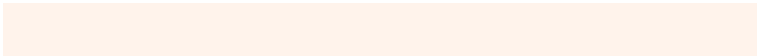
128.0000, 0.0000, 0.0000

Same Dimension

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



233.1920, -4.5317, 6.8476



245.6760, -5.2633, 8.1771



237.8880, -6.8468, 2.7292



114.5230, -3.2158, 4.8033



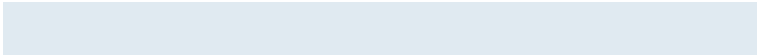
99.6280, -49.1166, 73.9942



30.2450, -14.9108, 22.5871

Inverse Universe

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



231.8080, 4.5317, -6.8476



244.3240, 5.2633, -8.1771



227.1120, 6.8468, -2.7292



113.4770, 3.2158, -4.8033



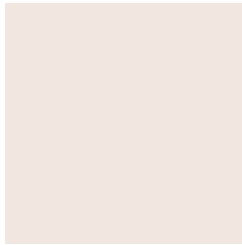
84.3720, 49.1166, -73.9942



25.7550, 14.9108, -22.5871

Previews

White Background



This preview shows how the YUV color 233.1920, -4.5317, 6.8476 looks on a white background.

Color Contrast Check

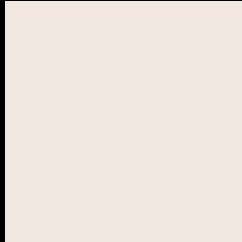
Large Text (above 18pt) WCAG AA × Fail

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 233.1920, -4.5317, 6.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

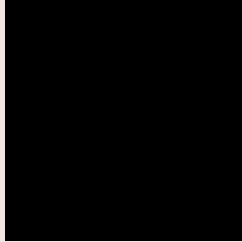
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

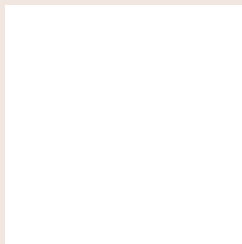
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.1920, -4.5317, 6.8476

Background



This preview shows how black text looks on a background with the YUV color 233.1920, -4.5317, 6.8476.



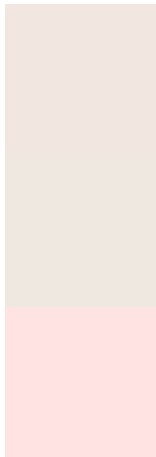
This preview shows how white text looks on a background with the YUV color 233.1920, -4.5317,

6.8476.

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

233.1920, -4.5317, 6.8476

Protanopia

233.1810, -4.5262, 5.1033

Deuteranopia

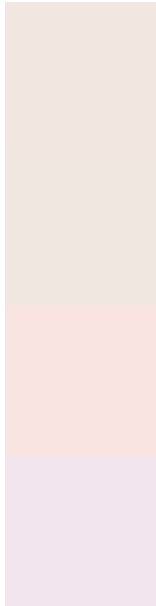
234.6710, -4.2748, 17.8285



Tritanopia

234.8360, 5.5039, 8.0368

Trichromacy



Original Color

233.1920, -4.5317, 6.8476

Protanomaly

233.4800, -4.6736, 5.7180

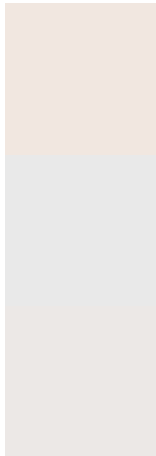
Deuteranomaly

234.2360, -4.5533, 13.8250

Tritanomaly

234.2120, 1.8675, 7.7071

Monochromacy



Original Color

233.1920, -4.5317, 6.8476

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.9680, -1.4632, 2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.1920, -4.5317, 6.8476 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(241, 231, 224)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 224)  
}
```

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(241, 231, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 224) }
```

Border

The CSS property to change the border of an element to YUV 233.1920, -4.5317, 6.8476 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(241, 231, 224) }
```


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

```
.border{ border-color:rgb(241, 231, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 233.1920, -4.5317, 6.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 224) }
```

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

```
.background{ background-color: rgb(241,  
231, 224) }
```

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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