

Converting Colors

YUV(221.8220, -3.3632, 5.4181)

Have a look what the booklet for
YUV(221.8220, -3.3632, 5.4181)
contains.

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Color

**YUV(221.8220, -3.3632,
5.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DCD7
RGB	228, 220, 215
RGB Percent	89%, 86%, 84%
CMY	0.1059, 0.1373, 0.1569
CMYK	0.00, 0.04, 0.06, 0.11
HSL	23°, 19%, 87%
HSV	23°, 6%, 89%
XYZ	69.8538, 72.5867, 74.6189
YIQ	221.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

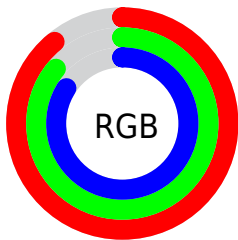
Format	Color
R _Y B	228, 223, 215
Decimal	14998743
CIE Lab	88.25, 1.86, 3.41
CIE LCh	88, 3.888, 61.343
Yxy	72.5867, 0.3218, 0.3344
Android (android.graphics.Color)	4293188823 (0xFFE4DCD7)
YUV	221.8220, -3.3632, 5.4181
Hunter-Lab	85.1978, -2.7437, 7.7104

Details

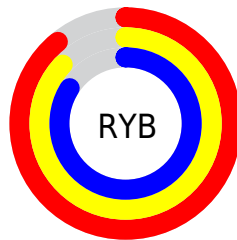
The YUV color $221.8220, -3.3632, 5.4181$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.1780, 3.3632, -5.4181$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.8220, -3.3632, 5.4181$ is the 20% darker color. If you saturate the color by 10%, you get $210.9820, -9.3581, 14.9248$, and if you desaturate by 10%, it is $232.6620, 2.6316, -4.0886$.

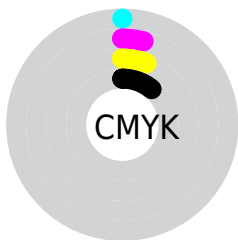
Distribution



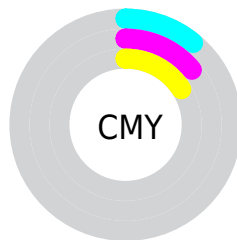
- Red (89%)
- Green (86%)
- Blue (84%)



- Red (89%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8220, -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 221.8220, -3.3632, 5.4181 by changing the saturation by 10% instead.

■ 221.8220, -3.3632,
5.4181

■ 221.8220, -3.3632,
5.4181

255.0000, 0.0000,
0.0000

■ 193.8220, -3.3632,
5.4181

■ 166.8220, -3.3632,
5.4181

■ 140.5230, -3.2158,
4.8033

■ 114.6370, -2.7790,
4.7034

■ 90.6370, -2.7790,
4.7034

■ 67.2240, -3.0684,
4.1886

■ 44.4520, -2.1948,

3.9886

■ 24.0390, -2.4842,
3.4738

■ 0.0000, 0.0000,
0.0000

■ 221.8220, -3.3632,
5.4181

■ 221.8220, -3.3632,
5.4181

■ 210.9820, -9.3581,
14.9248

■ 232.6620, 2.6316,
-4.0886

■ 200.1420,
-15.3530, 24.4315

■ 242.8180, 6.0057,
-12.9954

■ 189.4160,
-20.9111, 33.8382

■ 246.9270, 3.9800,
-16.5990

■ 178.5760,
-26.9060, 43.3448

■ 167.7360,
-32.9008, 52.8515

■ 156.8960,
-38.8957, 62.3582

■ 146.0560,
-44.8906, 71.8649

■ 135.3300,
-50.4487, 81.2716

■ 124.4900,
-56.4436, 90.7783

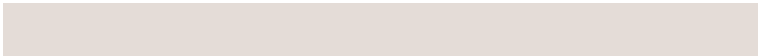
Harmonies

Analogous

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



222.1750, -2.0583, 6.8625



221.8220, -3.3632, 5.4181



221.3980, -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.



221.8220, -3.3632, 5.4181



220.3690, 0.3111, -6.4626



221.5100, 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.



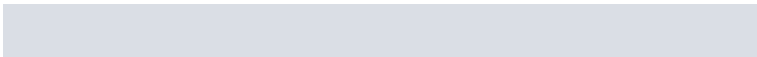
221.8220, -3.3632, 5.4181



221.1780, 3.3632, -5.4181

Split Complementary

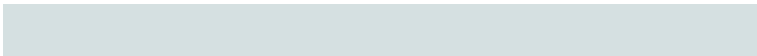
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.6020, 3.6472, -3.1590



221.8220, -3.3632, 5.4181



220.8250, 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.



221.8220, -3.3632, 5.4181



220.3370, -1.1521, -3.8035



220.8790, 3.5107, -6.0329



222.0760, 1.4415, 4.3183

Rectangle

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



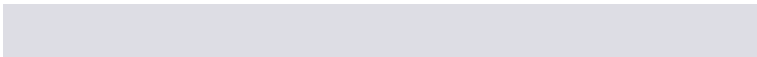
221.8220, -3.3632, 5.4181



221.0880, -3.4944, 0.7998



220.8790, 3.5107, -6.0329



221.7980, 3.0576, -0.6998

Sweetspot

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



221.8220, -3.3632, 5.4181



252.6690, -1.3158, 2.0443



219.7990, 1.5781, 7.1923



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



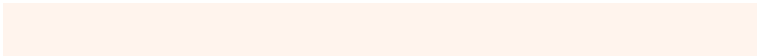
128.0000, 0.0000, 0.0000

Same Dimension

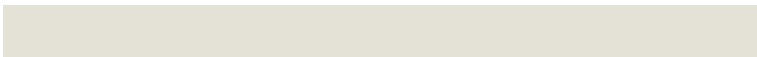
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.8220, -3.3632, 5.4181



246.4910, -4.6791, 7.4624



225.3440, -5.0996, 2.3293



110.4520, -2.1948, 3.9886



94.0240, -46.3538, 74.5240



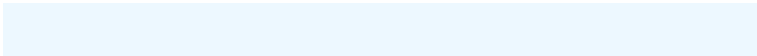
26.9890, -13.3056, 21.0576

Inverse Universe

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



221.1780, 3.3632, -5.4181



245.5090, 4.6791, -7.4624



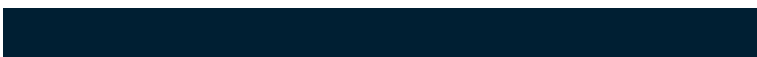
217.6560, 5.0996, -2.3293



109.9610, 2.4842, -3.4738



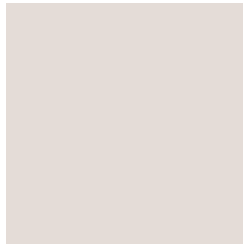
84.9760, 46.3538, -74.5240



24.0110, 13.3056, -21.0576

Previews

White Background



This preview shows how the YUV color 221.8220, -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 221.8220, -3.3632, 5.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

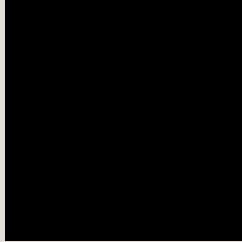
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

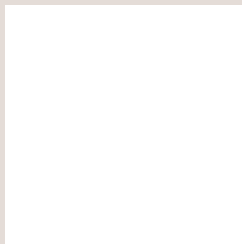
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.8220, -3.3632, 5.4181

Background



This preview shows how black text looks on a background with the YUV color 221.8220, -3.3632, 5.4181.



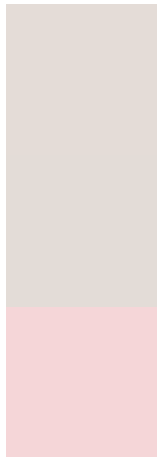
This preview shows how white text looks on a background with the YUV color 221.8220, -3.3632,

5.4181.

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

221.8220, -3.3632, 5.4181

Protanopia

221.5230, -3.2158, 4.8033

Deuteranopia

223.4970, -3.6960, 18.8581



Tritanopia

223.1240, 5.3619, 6.9073

Trichromacy



Original Color

221.8220, -3.3632, 5.4181

Protanomaly

221.5230, -3.2158, 4.8033

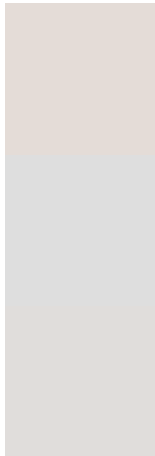
Deuteranomaly

222.8770, -3.3904, 14.1399

Tritanomaly

222.6140, 2.1623, 6.4775

Monochromacy



Original Color

221.8220, -3.3632, 5.4181

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.6690, -1.3158, 2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8220, -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(228, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 215)  
}
```

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(228, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 215) }
```

Border

The CSS property to change the border of an element to YUV 221.8220, -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(228, 220, 215) }
```


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

```
.border{ border-color:rgb(228, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 220,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 221.8220, -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(228, 220, 215) }
```

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

```
.background{ background-color: rgb(228,  
220, 215) }
```

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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