

Converting Colors

YUV(221.6660, -26.9503,
10.8169)

Have a look what the booklet for
YUV(221.6660, -26.9503, 10.8169)
contains.

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Color

**YUV(221.6660, -26.9503,
10.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE2A7
RGB	234, 226, 167
RGB Percent	92%, 89%, 65%
CMY	0.0824, 0.1137, 0.3451
CMYK	0.00, 0.03, 0.29, 0.08
HSL	53°, 61%, 79%
HSV	53°, 29%, 92%
XYZ	68.1031, 74.6752, 47.3835
YIQ	221.6660, 23.7070, -16.6530

Conversions

Conversions Part 2

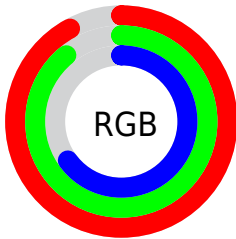
Format	Color
RYB	176, 234, 167
Decimal	15393447
CIELab	89.24, -6.21, 29.89
CIELCh	89, 30.526, 101.730
Yxy	74.6752, 0.3581, 0.3927
Android (android.graphics.Color)	4293583527 (0xFFEAE2A7)
YUV	221.6660, -26.9503, 10.8169
Hunter-Lab	86.4148, -10.5509, 27.9801

Details

The YUV color $221.6660, -26.9503, 10.8169$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $179.3340, 26.9503, -10.8169$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2380, -14.4143, 3.2993$, and $166.4100, -25.3451, 9.2874$ is the 20% darker color. If you saturate the color by 10%, you get $217.2830, -36.1285, 14.6608$, and if you desaturate by 10%, it is $226.0490, -17.7722, 6.9730$.

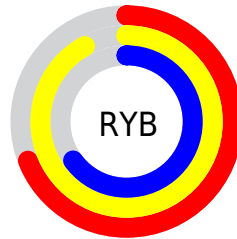
Distribution



Red (92%)

Green (89%)

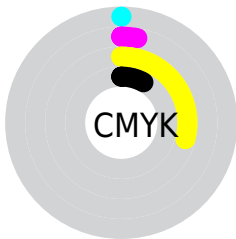
Blue (65%)



Red (69%)

Yellow (92%)

Blue (65%)

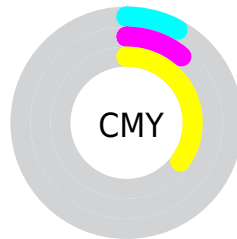


Cyan (0%)

Magenta (3%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.6660, -26.9503, 10.8169 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 221.6660, -26.9503, 10.8169 by changing the saturation by 10% instead.

■ 221.6660,
-26.9503, 10.8169

■ 221.6660,
-26.9503, 10.8169

■ 255.0000, 0.0000,
0.0000

■ 193.4810,
-26.3661, 10.1022

■ 251.2380,
-14.4143, 3.2993

■ 166.4100,
-25.3451, 9.2874

■ 254.5440, -1.7472,
0.3999

■ 139.6380,
-24.4715, 9.0875

■ 114.3390,
-24.3241, 8.4727

■ 89.2680, -23.3031,
7.6580

■ 65.7840, -22.5715,
6.3284

■ 43.1260, -21.2611,

6.0285

■ 24.5090, -12.0829,
2.1846

■ 0.0000, 0.0000,
0.0000

■ 221.6660,
-26.9503, 10.8169

■ 221.6660,
-26.9503, 10.8169

■ 217.2830,
-36.1285, 14.6608

■ 226.0490,
-17.7722, 6.9730

■ 212.7860,
-45.7435, 18.6047

■ 230.5460, -8.1572,
3.0292

■ 208.9900,
-55.2111, 21.9338

■ 234.3420, 1.3104,
-0.2999

■ 204.4930,
-64.8260, 25.8776

■ 238.1550, 8.3046,
-3.6439

■ 200.1100,
-74.0042, 29.7215

■ 239.9160, 7.4364,
-5.1883

■ 195.7270,
-83.1824, 33.5654

■ 241.6770, 6.5682,
-6.7327

■ 191.2300,
-92.7974, 37.5093

■ 243.4380, 5.7001,
-8.2771

■ 190.8880,
-94.1078, 37.8092

■ 244.6120, 5.1213,
-9.3067

■ 246.3730, 4.2531,
-10.8511

Harmonies

Analogous

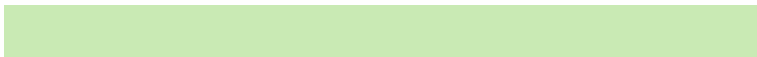
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4170, -25.8416, 28.5753



221.6660, -26.9503, 10.8169



217.9770, -18.7227, -14.8888

Triad

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



221.6660, -26.9503, 10.8169



210.9350, 21.7240, -61.3330



224.2820, 9.2280, 26.9397

Complementary

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



221.6660, -26.9503, 10.8169



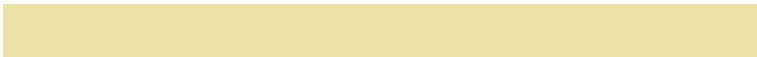
179.3340, 26.9503, -10.8169

Split Complementary

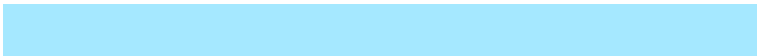
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.7580, 13.9233, 14.2442



221.6660, -26.9503, 10.8169



214.5890, 19.9226, -43.4896

Square

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



221.6660, -26.9503, 10.8169



211.3130, 11.6777, -59.0335



221.2660, 16.6309, -14.2653



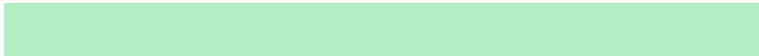
219.8020, -2.8604, 30.8686

Rectangle

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



221.6660, -26.9503, 10.8169



215.5710, -9.6485, -32.0728



221.2660, 16.6309, -14.2653



226.4820, 12.5804, 25.0103

Sweetspot

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



221.6660, -26.9503, 10.8169



250.6170, -9.1782, 3.8439



188.0590, -5.9451, 40.2903



125.1160, -5.9732, 2.5293



0.0000, 0.0000, 0.0000



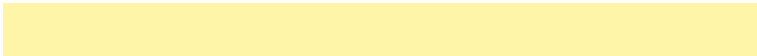
128.0000, 0.0000, 0.0000

Same Dimension

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



221.6660, -26.9503, 10.8169



239.2120, -35.1075, 13.8461



218.8870, -25.5803, -8.6709



115.1590, -4.5154, 1.6146



147.4520, -72.6938, 29.4216



43.7350, -21.5614, 9.0024

Inverse Universe

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



179.3340, 26.9503, -10.8169



184.3750, 34.8181, -14.3609



182.1130, 25.5803, 8.6709



107.8410, 4.5154, -1.6146



33.5480, 72.6938, -29.4216



9.6780, 21.8507, -8.4876

Previews

White Background



This preview shows how the YUV color 221.6660, -26.9503, 10.8169 looks on a white background.

Color Contrast Check

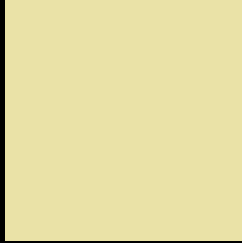
Large Text (above 18pt) WCAG AA × Fail

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 221.6660, -26.9503, 10.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

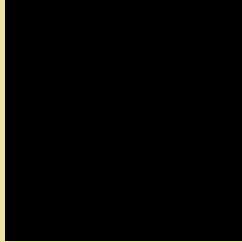
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.6660, -26.9503, 10.8169

Background



This preview shows how black text looks on a background with the YUV color 221.6660, -26.9503, 10.8169.



This preview shows how white text looks on a background with the YUV color 221.6660, -26.9503, 10.8169.

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

221.6660, -26.9503, 10.8169

Protanopia

222.1720, -27.6928, 15.6352

Deuteranopia

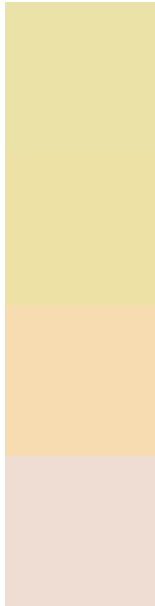
224.6000, -20.0158, 26.6608



Tritanopia

226.4130, 3.7404, 13.6698

Trichromacy



Original Color

221.6660, -26.9503, 10.8169

Protanomaly

222.1610, -27.6874, 13.8908

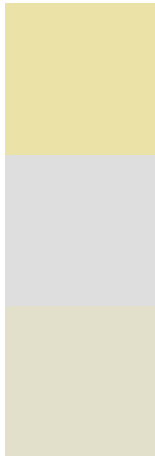
Deuteranomaly

223.2850, -22.3255, 20.7981

Tritanomaly

224.5410, -7.1687, 12.6805

Monochromacy



Original Color

221.6660, -26.9503, 10.8169

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.5030, -9.6150, 3.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.6660, -26.9503, 10.8169 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(234, 226, 167)` looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 167)  
}
```

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(234, 226, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 167) }
```

Border

The CSS property to change the border of an element to YUV 221.6660, -26.9503, 10.8169 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(234, 226, 167) }
```


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

```
.border{ border-color:rgb(234, 226, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 226, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 226, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 226, 167); box-shadow:4px 4px 4px 4px rgb(234, 226, 167) }
```

Background

The CSS property to change the background color of an element to YUV 221.6660, -26.9503, 10.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 226, 167) }
```

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

```
.background{ background-color: rgb(234,  
226, 167) }
```

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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