

Converting Colors

YUV(221.1160, -22.7352,
12.1763)

Have a look what the booklet for
YUV(221.1160, -22.7352, 12.1763)
contains.

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Color

**YUV(221.1160, -22.7352,
12.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFAF
RGB	235, 223, 175
RGB Percent	92%, 87%, 69%
CMY	0.0784, 0.1255, 0.3137
CMYK	0.00, 0.05, 0.26, 0.08
HSL	48°, 60%, 80%
HSV	48°, 26%, 92%
XYZ	68.3865, 73.5327, 51.1463
YIQ	221.1160, 22.5600, -12.3840

Conversions

Conversions Part 2

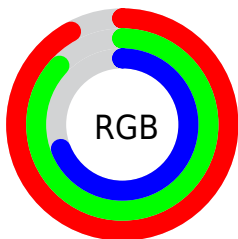
Format	Color
RYB	190, 235, 175
Decimal	15458223
CIELab	88.70, -3.26, 25.05
CIELCh	89, 25.260, 97.417
Yxy	73.5327, 0.3542, 0.3809
Android (android.graphics.Color)	4293648303 (0xFFEBDFAF)
YUV	221.1160, -22.7352, 12.1763
Hunter-Lab	85.7512, -7.7110, 24.6623

Details

The YUV color $221.1160, -22.7352, 12.1763$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.8840, 22.7352, -12.1763$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, -10.4832, 2.3995$, and $166.0450, -21.7142, 11.3615$ is the 20% darker color. If you saturate the color by 10%, you get $215.5590, -31.3346, 17.0498$, and if you desaturate by 10%, it is $226.7870, -13.6990, 7.2028$.

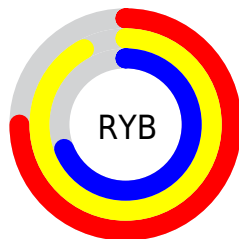
Distribution



Red (92%)

Green (87%)

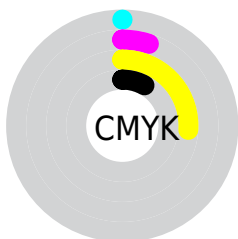
Blue (69%)



Red (75%)

Yellow (92%)

Blue (69%)

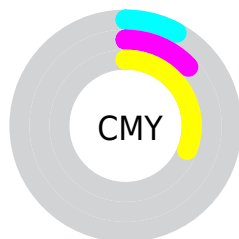


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1160, -22.7352, 12.1763 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 221.1160, -22.7352, 12.1763 by changing the saturation by 10% instead.

■ 221.1160,
-22.7352, 12.1763

■ 221.1160,
-22.7352, 12.1763

255.0000, 0.0000,
0.0000

■ 192.9310,
-22.1510, 11.4615

■ 252.2640,
-10.4832, 2.3995

■ 166.0450,
-21.7142, 11.3615

■ 139.5610,
-20.9826, 10.0320

■ 113.7890,
-20.1090, 9.8320

■ 89.3050, -19.3774,
8.5025

■ 65.5330, -18.5038,
8.3026

■ 42.7070, -19.0826,

7.2730

■ 23.3460, -11.5096,
4.9586

■ 0.0000, 0.0000,
0.0000

■ 221.1160,
-22.7352, 12.1763

■ 221.1160,
-22.7352, 12.1763

■ 215.5590,
-31.3346, 17.0498

■ 226.7870,
-13.6990, 7.2028

■ 210.4750,
-40.6602, 21.5084

■ 231.7570, -4.8102,
2.8441

■ 204.9180,
-49.2596, 26.3819

■ 237.4280, 4.2260,
-2.1294

■ 199.2470,
-58.2958, 31.3554

■ 241.3890, 6.7102,
-5.6032

■ 194.2770,
-67.1846, 35.7141

■ 244.3240, 5.2633,
-8.1771

■ 188.6060,
-76.2208, 40.6875

■ 246.6720, 4.1057,
-10.2363

■ 183.0490,
-84.8202, 45.5610

■ 249.0200, 2.9481,
-12.2955

■ 180.6210,
-89.0462, 47.6904

Harmonies

Analogous

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



222.8560, -21.6210, 28.1903



221.1160, -22.7352, 12.1763



218.1780, -16.8498, -8.9261

Triad

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



221.1160, -22.7352, 12.1763



213.5020, 18.4865, -49.5523



225.9290, 7.9230, 25.4953

Complementary

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



221.1160, -22.7352, 12.1763



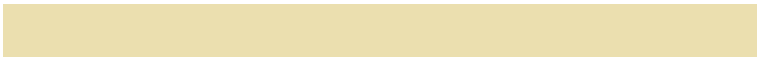
188.8840, 22.7352, -12.1763

Split Complementary

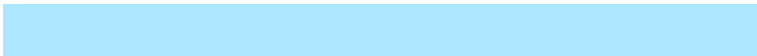
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.2410, 14.6712, 7.6816



221.1160, -22.7352, 12.1763



215.8070, 19.3221, -37.5417

Square

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



221.1160, -22.7352, 12.1763



213.2500, 7.2718, -45.8232



220.6680, 16.9257, -15.4948



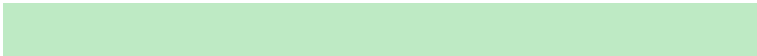
221.9050, -2.4182, 29.0243

Rectangle

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



221.1160, -22.7352, 12.1763



216.5120, -10.1124, -23.2510



220.6680, 16.9257, -15.4948



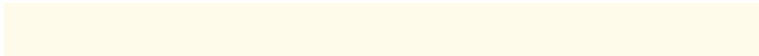
227.0040, 10.8440, 21.9215

Sweetspot

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



221.1160, -22.7352, 12.1763



250.3720, -7.5784, 4.0588



194.3080, -3.6028, 35.6869



124.7570, -4.8102, 2.8441



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.



221.1160, -22.7352, 12.1763



236.6020, -29.8768, 16.1350



222.7780, -23.5546, -5.0673



114.5720, -4.2260, 2.1294



139.2340, -68.6424, 36.6288



41.3870, -20.4038, 11.0616

Inverse Universe

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



188.8840, 22.7352, -12.1763



194.3980, 29.8768, -16.1350



187.2220, 23.5546, 5.0673



108.4280, 4.2260, -2.1294



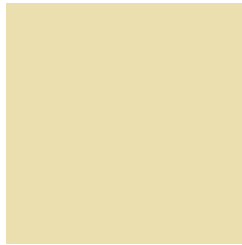
41.7660, 68.6424, -36.6288



12.6130, 20.4038, -11.0616

Previews

White Background



This preview shows how the YUV color 221.1160, -22.7352, 12.1763 looks on a white background.

Color Contrast Check

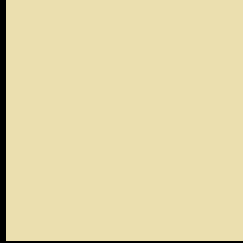
Large Text (above 18pt) WCAG AA × Fail

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 221.1160, -22.7352, 12.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

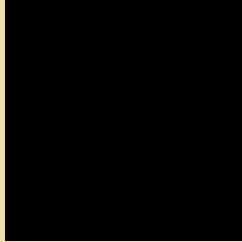
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

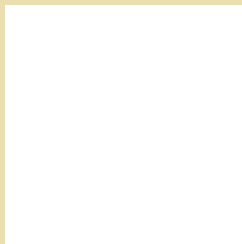
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.1160, -22.7352, 12.1763

Background



This preview shows how black text looks on a background with the YUV color 221.1160, -22.7352, 12.1763.

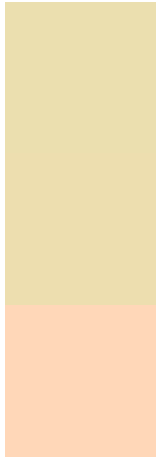


This preview shows how white text looks on a background with the YUV color 221.1160, -22.7352, 12.1763.

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

221.1160, -22.7352, 12.1763

Protanopia

221.1270, -22.7406, 13.9206

Deuteranopia

223.4260, -19.4370, 27.6904



Tritanopia

225.0110, 3.4456, 14.8994

Trichromacy



Original Color

221.1160, -22.7352, 12.1763

Protanomaly

220.8280, -22.5932, 13.3058

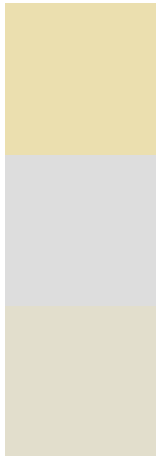
Deuteranomaly

222.7520, -20.5837, 22.1425

Tritanomaly

223.4810, -6.1531, 13.6102

Monochromacy



Original Color

221.1160, -22.7352, 12.1763

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1440, -8.4520, 4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1160, -22.7352, 12.1763 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(235, 223, 175)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 175)  
}
```

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(235, 223, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 175) }
```

Border

The CSS property to change the border of an element to YUV 221.1160, -22.7352, 12.1763 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(235, 223, 175) }
```


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

```
.border{ border-color:rgb(235, 223, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 175);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 221.1160, -22.7352, 12.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 175) }
```

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

```
.background{ background-color: rgb(235,  
223, 175) }
```

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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