

Converting Colors

YUV(222.9910, -23.1666,
10.5319)

Have a look what the booklet for
YUV(222.9910, -23.1666, 10.5319)
contains.

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Color

**YUV(222.9910, -23.1666,
10.5319)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE2B0
RGB	235, 226, 176
RGB Percent	92%, 89%, 69%
CMY	0.0784, 0.1137, 0.3098
CMYK	0.00, 0.04, 0.25, 0.08
HSL	51°, 60%, 81%
HSV	51°, 25%, 92%
XYZ	69.2938, 75.1895, 51.9351
YIQ	222.9910, 21.4140, -13.6420

Conversions

Conversions Part 2

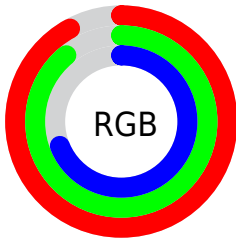
Format	Color
RYB	187, 235, 176
Decimal	15458992
CIELab	89.48, -4.65, 25.60
CIELCh	89, 26.019, 100.301
Yxy	75.1895, 0.3528, 0.3828
Android (android.graphics.Color)	4293649072 (0xFFEBE2B0)
YUV	222.9910, -23.1666, 10.5319
Hunter-Lab	86.7119, -9.1016, 25.1872

Details

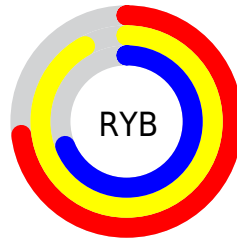
The YUV color $222.9910, -23.1666, 10.5319$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.0090, 23.1666, -10.5319$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $167.9200, -22.1456, 9.7172$ is the 20% darker color. If you saturate the color by 10%, you get $218.0210, -32.0554, 14.8906$, and if you desaturate by 10%, it is $228.0750, -13.8410, 6.0732$.

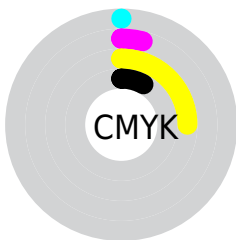
Distribution



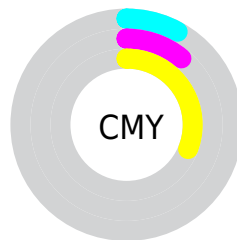
- Red (92%)
- Green (89%)
- Blue (69%)



- Red (73%)
- Yellow (92%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.9910, -23.1666, 10.5319 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 222.9910, -23.1666, 10.5319 by changing the saturation by 10% instead.

■ 222.9910,
-23.1666, 10.5319

■ 222.9910,
-23.1666, 10.5319

255.0000, 0.0000,
0.0000

■ 194.8060,
-22.5824, 9.8171

■ 252.3780,
-10.0464, 2.2995

■ 167.9200,
-22.1456, 9.7172

■ 140.8490,
-21.1246, 8.9024

■ 115.6640,
-20.5404, 8.1877

■ 90.8920, -19.6668,
7.9877

■ 67.2940, -19.3719,
6.7582

■ 43.9950, -19.2245,

6.1434

■ 25.1070, -12.3778,
3.4142

■ 0.0000, 0.0000,
0.0000

■ 222.9910,
-23.1666, 10.5319

■ 222.9910,
-23.1666, 10.5319

■ 218.0210,
-32.0554, 14.8906

■ 228.0750,
-13.8410, 6.0732

■ 213.5240,
-41.6703, 18.8345

■ 232.4580, -4.6628,
2.2293

■ 208.5540,
-50.5591, 23.1931

■ 237.5420, 4.6628,
-2.2293

■ 204.0570,
-60.1741, 27.1370

■ 240.2150, 7.2890,
-4.5736

■ 198.9730,
-69.4997, 31.5957

■ 242.5630, 6.1314,
-6.6328

■ 194.0030,
-78.3885, 35.9544

■ 244.9110, 4.9739,
-8.6919

■ 189.6200,
-87.5667, 39.7983

■ 246.6720, 4.1057,
-10.2363

■ 187.0780,
-92.2295, 42.0276

■ 249.0200, 2.9481,
-12.2955

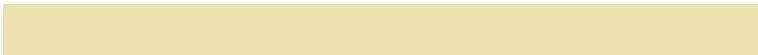
Harmonies

Analogous

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



224.6170, -22.4892, 26.6459



222.9910, -23.1666, 10.5319



219.9820, -16.2601, -11.3852

Triad

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



222.9910, -23.1666, 10.5319



215.1320, 19.6549, -50.9818



226.5160, 7.6336, 24.9805

Complementary

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



222.9910, -23.1666, 10.5319



188.0090, 23.1666, -10.5319

Split Complementary

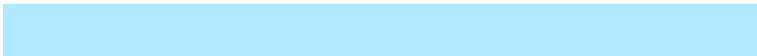
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6220, 13.4974, 10.8555



222.9910, -23.1666, 10.5319



217.8780, 18.3011, -36.7270

Square

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



222.9910, -23.1666, 10.5319



214.6950, 9.0244, -47.9675



222.4510, 16.0467, -13.5505



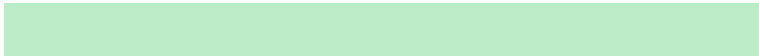
222.4920, -2.7076, 28.5095

Rectangle

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



222.9910, -23.1666, 10.5319



218.1310, -8.9386, -26.4249



222.4510, 16.0467, -13.5505



228.6020, 10.5492, 23.1510

Sweetspot

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



222.9910, -23.1666, 10.5319



250.9590, -7.8678, 3.5440



194.7810, -4.3290, 35.2721



125.3440, -5.0996, 2.3293



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.



222.9910, -23.1666, 10.5319



239.2920, -29.7240, 13.7759



222.2940, -22.8229, -6.3968



115.1590, -4.5154, 1.6146



143.9300, -70.9575, 32.5104



42.5610, -20.9826, 10.0320

Inverse Universe

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



188.0090, 23.1666, -10.5319



194.1210, 30.0133, -13.2611



188.7060, 22.8229, 6.3968



107.8410, 4.5154, -1.6146



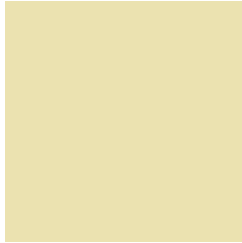
37.0700, 70.9575, -32.5104



10.8520, 21.2720, -9.5172

Previews

White Background



This preview shows how the YUV color 222.9910, -23.1666, 10.5319 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 222.9910, -23.1666, 10.5319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

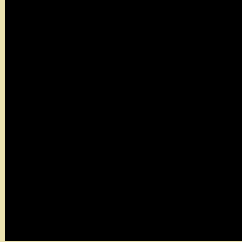
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

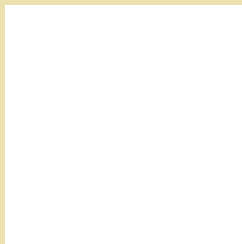
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.9910, -23.1666, 10.5319

Background



This preview shows how black text looks on a background with the YUV color 222.9910, -23.1666, 10.5319.



This preview shows how white text looks on a background with the YUV color 222.9910, -23.1666, 10.5319.

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

222.9910, -23.1666, 10.5319

Protanopia

223.1980, -23.7616, 14.7354

Deuteranopia

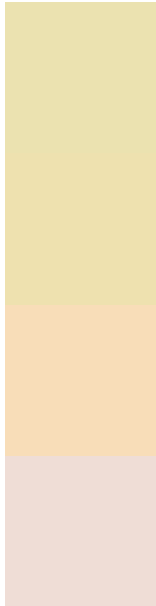
225.7570, -18.1212, 25.6461



Tritanopia

227.1140, 3.8878, 13.0550

Trichromacy



Original Color

222.9910, -23.1666, 10.5319

Protanomaly

223.1870, -23.7562, 12.9910

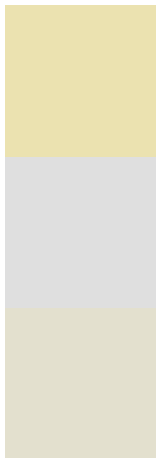
Deuteranomaly

224.8550, -20.1415, 20.2982

Tritanomaly

225.5840, -5.7109, 11.7658

Monochromacy



Original Color

222.9910, -23.1666, 10.5319

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.8450, -8.3046, 3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.9910, -23.1666, 10.5319 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, 226, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 226, 176)  
}
```

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, 226, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 176) }
```

Border

The CSS property to change the border of an element to YUV 222.9910, -23.1666, 10.5319 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, 226, 176) }
```


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

```
.border{ border-color:rgb(235, 226, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 226, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 226, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 226, 176); box-shadow:4px 4px 4px 4px rgb(235, 226, 176) }
```

Background

The CSS property to change the background color of an element to YUV 222.9910, -23.1666, 10.5319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 176) }
```

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

```
.background{ background-color: rgb(235,  
226, 176) }
```

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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