

Converting Colors

YUV(219.0830, -22.7189,
6.9432)

Have a look what the booklet for
YUV(219.0830, -22.7189, 6.9432)
contains.

YUV(219.0830, -22.7189, 6.9432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(219.0830, -22.7189,
6.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E0AD
RGB	227, 224, 173
RGB Percent	89%, 88%, 68%
CMY	0.1098, 0.1216, 0.3216
CMYK	0.00, 0.01, 0.24, 0.11
HSL	57°, 49%, 78%
HSV	57°, 24%, 89%
XYZ	65.8770, 72.6593, 50.0877
YIQ	219.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

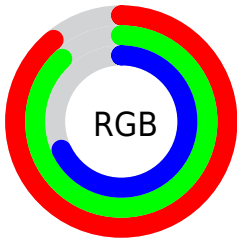
Format	Color
R_{YB}	176, 227, 173
Decimal	14934189
CIE _{Lab}	88.28, -7.02, 25.41
CIE _{LCh}	88, 26.362, 105.434
Yxy	72.6593, 0.3493, 0.3852
Android (android.graphics.Color)	4293124269 (0xFFE3E0AD)
YUV	219.0830, -22.7189, 6.9432
Hunter-Lab	85.2404, -11.2192, 24.8292

Details

The YUV color $219.0830, -22.7189, 6.9432$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $180.9170, 22.7189, -6.9432$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, -11.3567, 2.5994$, and $164.0120, -21.6979, 6.1285$ is the 20% darker color. If you saturate the color by 10%, you get $215.8740, -32.4759, 9.7575$, and if you desaturate by 10%, it is $222.2920, -12.9620, 4.1289$.

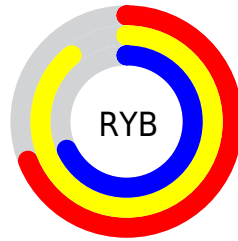
Distribution



Red (89%)

Green (88%)

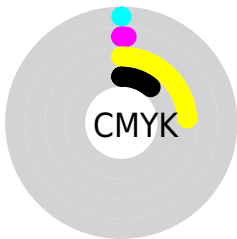
Blue (68%)



Red (69%)

Yellow (89%)

Blue (68%)

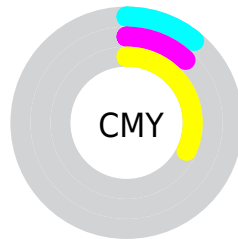


Cyan (0%)

Magenta (1%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (12%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.0830, -22.7189, 6.9432 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 219.0830, -22.7189, 6.9432 by changing the saturation by 10% instead.

■ 219.0830,
-22.7189, 6.9432

■ 219.0830,
-22.7189, 6.9432

255.0000, 0.0000,
0.0000

■ 191.1970,
-22.2821, 6.8432

■ 252.0360,
-11.3567, 2.5994

■ 164.0120,
-21.6979, 6.1285

■ 137.2400,
-20.8243, 5.9285

■ 112.0550,
-20.2401, 5.2138

■ 87.2830, -19.3665,
5.0138

■ 64.0980, -18.7823,
4.2991

■ 41.4570, -19.9453,

3.9842

■ 22.1390, -10.9145,
0.7551

■ 0.0000, 0.0000,
0.0000

■ 219.0830,
-22.7189, 6.9432

■ 219.0830,
-22.7189, 6.9432

■ 215.8740,
-32.4759, 9.7575

■ 222.2920,
-12.9620, 4.1289

■ 212.1920,
-41.5067, 12.9866

■ 225.9740, -3.9312,
0.8998

■ 208.9830,
-51.2636, 15.8009

■ 229.1830, 5.8258,
-1.9145

■ 205.7740,
-61.0206, 18.6152

■ 231.3660, 11.6516,
-3.8290

■ 202.6790,
-70.3407, 21.3295

■ 231.9530, 11.3622,
-4.3438

■ 198.8830,
-79.8083, 24.6586

■ 233.1270, 10.7834,
-5.3734

■ 195.6740,
-89.5653, 27.4729

■ 233.7140, 10.4940,
-5.8882

■ 193.4910,
-95.3911, 29.3874

■ 234.3010, 10.2046,
-6.4030

■ 234.8880, 9.9152,
-6.9178

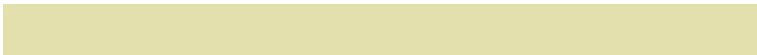
Harmonies

Analogous

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



221.8620, -24.0890, 26.4310



219.0830, -22.7189, 6.9432



216.0030, -14.7915, -15.7886

Triad

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



219.0830, -22.7189, 6.9432



211.8870, 21.2547, -50.7669



223.3700, 5.7336, 27.7395

Complementary

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



219.0830, -22.7189, 6.9432



180.9170, 22.7189, -6.9432

Split Complementary

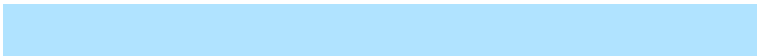
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.2850, 14.6495, 14.6591



219.0830, -22.7189, 6.9432



214.9430, 19.7481, -34.1530

Square

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



219.0830, -22.7189, 6.9432



210.9550, 11.3612, -50.8265



220.4130, 17.0514, -9.1322



219.8190, -5.3338, 30.8537

Rectangle

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



219.0830, -22.7189, 6.9432



213.9780, -6.8912, -29.7987



220.4130, 17.0514, -9.1322



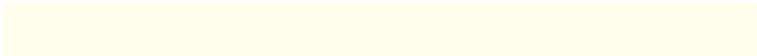
224.8690, 8.9386, 26.4249

Sweetspot

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



219.0830, -22.7189, 6.9432



252.3610, -7.5730, 2.3144



189.6020, -6.2128, 32.7980



126.1590, -4.5154, 1.6146



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.



219.0830, -22.7189, 6.9432



244.2160, -31.1655, 9.4576



213.9670, -20.1967, -8.7411



113.0450, -4.9522, 1.7145



152.7240, -75.2929, 23.0441



43.4250, -21.4085, 6.6433

Inverse Universe

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



180.9170, 22.7189, -6.9432



191.7840, 31.1655, -9.4576



186.0330, 20.1967, 8.7411



104.9550, 4.9522, -1.7145



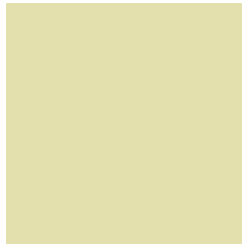
26.2760, 75.2929, -23.0441



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 219.0830, -22.7189, 6.9432 looks on a white background.

Color Contrast Check

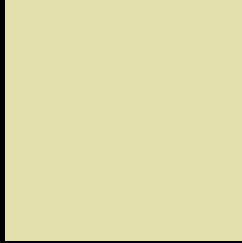
Large Text (above 18pt) WCAG AA × Fail

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 219.0830, -22.7189, 6.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

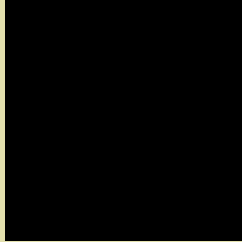
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

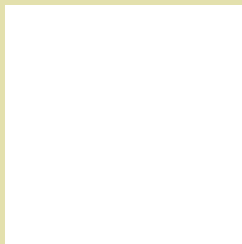
Any Text WCAG AAA ✓ Pass

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

YUV 219.0830, -22.7189, 6.9432 Background



This preview shows how black text looks on a background with the YUV color 219.0830, -22.7189, 6.9432.



This preview shows how white text looks on a background with the YUV color 219.0830, -22.7189, 6.9432.

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

219.0830, -22.7189, 6.9432

Protanopia

219.8990, -23.6142, 14.1206

Deuteranopia

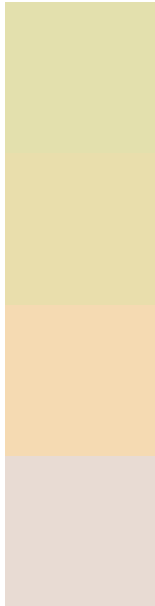
222.4970, -20.4580, 28.5051



Tritanopia

223.6190, 4.6248, 9.9811

Trichromacy



Original Color

219.0830, -22.7189, 6.9432

Protanomaly

219.5890, -23.4614, 11.7614

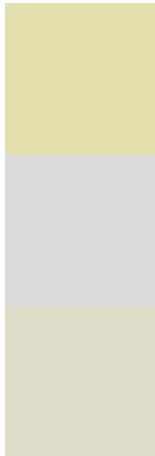
Deuteranomaly

221.5130, -21.4519, 20.5981

Tritanomaly

221.9750, -5.4107, 8.7919

Monochromacy



Original Color

219.0830, -22.7189, 6.9432

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1330, -8.4466, 2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.0830, -22.7189, 6.9432 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(227, 224, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 173)  
}
```

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(227, 224, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 173) }
```

Border

The CSS property to change the border of an element to YUV 219.0830, -22.7189, 6.9432 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(227, 224, 173) }
```


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

```
.border{ border-color:rgb(227, 224, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 224, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 173);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 219.0830, -22.7189, 6.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 173) }
```

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

```
.background{ background-color: rgb(227,  
224, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor