

Converting Colors

YUV(221.6920, -23.0192,
9.9171)

Have a look what the booklet for
YUV(221.6920, -23.0192, 9.9171)
contains.

YUV(221.6920, -23.0192, 9.9171)	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(221.6920, -23.0192,
9.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E1AF
RGB	233, 225, 175
RGB Percent	91%, 88%, 69%
CMY	0.0863, 0.1176, 0.3137
CMYK	0.00, 0.03, 0.25, 0.09
HSL	52°, 57%, 80%
HSV	52°, 25%, 91%
XYZ	68.2673, 74.2692, 51.2948
YIQ	221.6920, 20.8180, -13.8540

Conversions

Conversions Part 2

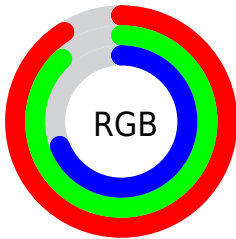
Format	Color
RYB	184, 233, 175
Decimal	15327663
CIELab	89.05, -5.02, 25.50
CIELCh	89, 25.989, 101.144
Yxy	74.2692, 0.3522, 0.3832
Android (android.graphics.Color)	4293517743 (0xFFE9E1AF)
YUV	221.6920, -23.0192, 9.9171
Hunter-Lab	86.1796, -9.4151, 25.0358

Details

The YUV color $221.6920, -23.0192, 9.9171$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.3080, 23.0192, -9.9171$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, -10.4832, 2.3995$, and $166.6210, -21.9982, 9.1024$ is the 20% darker color. If you saturate the color by 10%, you get $217.3090, -32.1973, 13.7610$, and if you desaturate by 10%, it is $226.0750, -13.8410, 6.0732$.

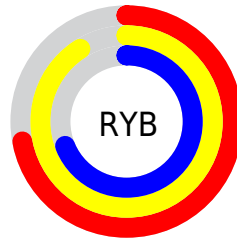
Distribution



Red (91%)

Green (88%)

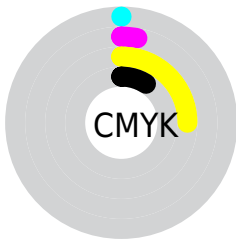
Blue (69%)



Red (72%)

Yellow (91%)

Blue (69%)

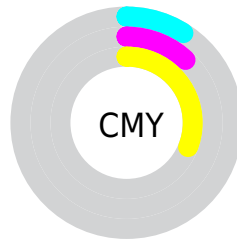


Cyan (0%)

Magenta (3%)

Yellow (25%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.6920, -23.0192, 9.9171 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 221.6920, -23.0192, 9.9171 by changing the saturation by 10% instead.

■ 221.6920,
-23.0192, 9.9171

■ 221.6920,
-23.0192, 9.9171

255.0000, 0.0000,
0.0000

■ 193.8060,
-22.5824, 9.8171

■ 252.2640,
-10.4832, 2.3995

■ 166.6210,
-21.9982, 9.1024

■ 139.8490,
-21.1246, 8.9024

■ 114.3650,
-20.3929, 7.5729

■ 89.5930, -19.5193,
7.3729

■ 66.1090, -18.7877,
6.0434

■ 43.5820, -19.5139,

5.6286

■ 24.2210, -11.9410,
3.3142

■ 0.0000, 0.0000,
0.0000

■ 221.6920,
-23.0192, 9.9171

■ 221.6920,
-23.0192, 9.9171

■ 217.3090,
-32.1973, 13.7610

■ 226.0750,
-13.8410, 6.0732

■ 212.8120,
-41.8123, 17.7049

■ 230.5720, -4.2260,
2.1294

■ 207.8420,
-50.7011, 22.0636

■ 235.5420, 4.6628,
-2.2293

■ 203.4590,
-59.8793, 25.9075

■ 238.4430, 8.1626,
-4.7735

■ 199.0760,
-69.0575, 29.7513

■ 240.2040, 7.2944,
-6.3179

■ 194.5790,
-78.6724, 33.6952

■ 241.9650, 6.4263,
-7.8623

■ 190.1960,
-87.8506, 37.5391

■ 243.7260, 5.5581,
-9.4067

■ 187.6540,
-92.5134, 39.7684

■ 246.0740, 4.4005,
-11.4659

■ 247.8350, 3.5323,
-13.0103

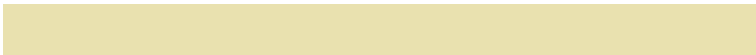
Harmonies

Analogous

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



223.8020, -23.0734, 27.3606



221.6920, -23.0192, 9.9171



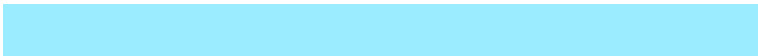
218.6830, -16.1127, -12.0000

Triad

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



221.6920, -23.0192, 9.9171



214.2460, 20.0917, -51.0817



225.7010, 7.0494, 25.6952

Complementary

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



221.6920, -23.0192, 9.9171



186.3080, 23.0192, -9.9171

Split Complementary

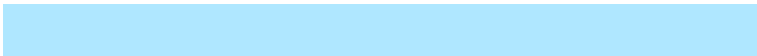
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.1490, 14.2235, 11.2703



221.6920, -23.0192, 9.9171



216.9920, 18.7379, -36.8270

Square

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



221.6920, -23.0192, 9.9171



213.3960, 9.1718, -48.5823



221.8640, 16.3360, -13.0357



221.6770, -3.2918, 29.2243

Rectangle

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



221.6920, -23.0192, 9.9171



216.2450, -8.5018, -26.5249



221.8640, 16.3360, -13.0357



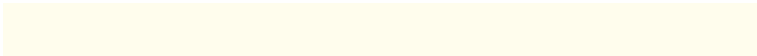
227.7870, 9.9650, 23.8658

Sweetspot

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



221.6920, -23.0192, 9.9171



251.7740, -7.2836, 2.8292



193.3680, -4.6184, 34.7573



125.5720, -4.2260, 2.1294



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.



221.6920, -23.0192, 9.9171



239.8790, -30.0133, 13.2611



220.4080, -22.3861, -6.4968



115.1590, -4.5154, 1.6146



145.6910, -71.8257, 30.9660



43.1480, -21.2720, 9.5172

Inverse Universe

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



186.3080, 23.0192, -9.9171



193.5340, 30.3027, -12.7463



187.5920, 22.3861, 6.4968



107.8410, 4.5154, -1.6146



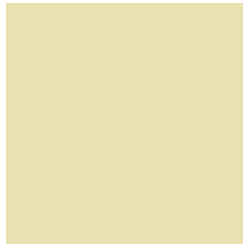
35.3090, 71.8257, -30.9660



10.2650, 21.5614, -9.0024

Previews

White Background



This preview shows how the YUV color 221.6920, -23.0192, 9.9171 looks on a white background.

Color Contrast Check

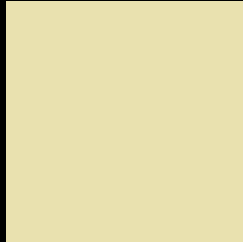
Large Text (above 18pt) WCAG AA × Fail

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 221.6920, -23.0192, 9.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

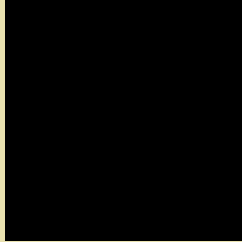
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

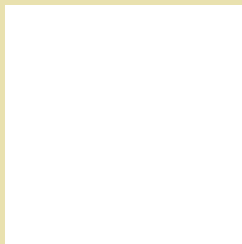
Any Text WCAG AAA ✓ Pass

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

YUV 221.6920, -23.0192, 9.9171 Background



This preview shows how black text looks on a background with the YUV color 221.6920, -23.0192, 9.9171.



This preview shows how white text looks on a background with the YUV color 221.6920, -23.0192, 9.9171.

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

221.6920, -23.0192, 9.9171

Protanopia

221.8990, -23.6142, 14.1206

Deuteranopia

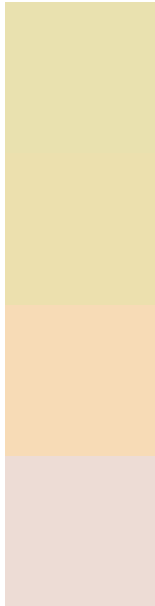
224.2410, -18.8528, 26.9756



Tritanopia

225.8150, 4.0352, 12.4402

Trichromacy



Original Color

221.6920, -23.0192, 9.9171

Protanomaly

221.8880, -23.6088, 12.3762

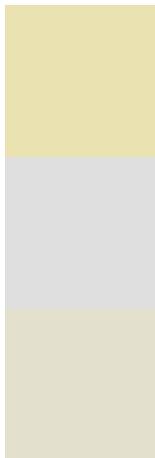
Deuteranomaly

223.1540, -20.2889, 20.9129

Tritanomaly

224.2850, -5.5635, 11.1511

Monochromacy



Original Color

221.6920, -23.0192, 9.9171

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.8450, -8.3046, 3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.6920, -23.0192, 9.9171 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(233, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 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(233, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 175) }
```

Border

The CSS property to change the border of an element to YUV 221.6920, -23.0192, 9.9171 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(233, 225, 175) }
```


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

```
.border{ border-color:rgb(233, 225, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 221.6920, -23.0192, 9.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 175) }
```

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

```
.background{ background-color: rgb(233,  
225, 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](#).

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