

Converting Colors

YUV(222.6250, -21.5071,
-8.4411)

Have a look what the booklet for
YUV(222.6250, -21.5071, -8.4411)
contains.

YUV(222.6250, -21.5071, -8.4411)	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(222.6250, -21.5071,
-8.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ECB3
RGB	213, 236, 179
RGB Percent	84%, 93%, 70%
CMY	0.1647, 0.0745, 0.2980
CMYK	0.10, 0.00, 0.24, 0.07
HSL	84°, 60%, 81%
HSV	84°, 24%, 93%
XYZ	65.5727, 77.3917, 54.1299
YIQ	222.6250, 4.5890, -22.6030

Conversions

Conversions Part 2

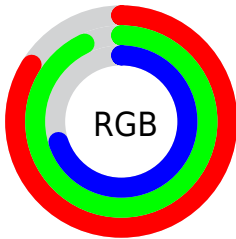
Format	Color
RYB	179, 236, 202
Decimal	14019763
CIELab	90.50, -17.25, 25.19
CIELCh	91, 30.529, 124.411
Yxy	77.3917, 0.3327, 0.3927
Android (android.graphics.Color)	4292209843 (0xFFD5ECB3)
YUV	222.6250, -21.5071, -8.4411
Hunter-Lab	87.9726, -20.9022, 25.0994

Details

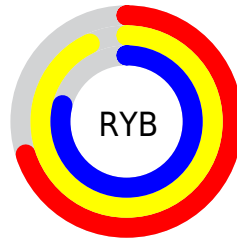
The YUV color **222.6250, -21.5071, -8.4411** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **192.3750, 21.5071, 8.4411**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.7200, -8.7360, 1.9996**, and **167.2660, -20.3441, -8.1263** is the 20% darker color. If you saturate the color by 10%, you get **216.8990, -30.5162, -12.1894**, and if you desaturate by 10%, it is **228.3510, -12.4980, -4.6928**.

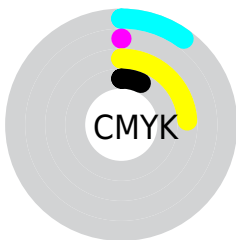
Distribution



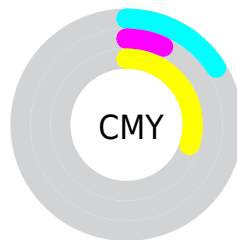
- Red (84%)
- Green (93%)
- Blue (70%)



- Red (70%)
- Yellow (93%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6250, -21.5071, -8.4411 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 222.6250, -21.5071, -8.4411 by changing the saturation by 10% instead.

■ 222.6250,
-21.5071, -8.4411

■ 222.6250,
-21.5071, -8.4411

255.0000, 0.0000,
0.0000

■ 194.7390,
-21.0703, -8.5411

■ 252.7200, -8.7360,
1.9996

■ 167.2660,
-20.3441, -8.1263

■ 140.4940,
-19.4705, -8.3262

■ 114.9070,
-19.1812, -7.8114

■ 90.1350, -18.3076,
-8.0114

■ 66.3630, -17.4340,
-8.2114

■ 43.3630, -17.4340,

-8.2114

■ 23.5460, -11.6082,
-10.1258

■ 1.7610, -0.8682,
-1.5444

■ 222.6250,
-21.5071, -8.4411

■ 222.6250,
-21.5071, -8.4411

■ 216.8990,
-30.5162, -12.1894

■ 228.3510,
-12.4980, -4.6928

■ 211.5860,
-39.2359, -15.4229

■ 233.6640, -3.7784,
-1.4593

■ 205.8600,
-48.2450, -19.1712

■ 239.3900, 5.2307,
2.2890

■ 200.5470,
-56.9647, -22.4047

■ 242.6510, 6.0881,
7.3221

■ 194.8210,
-65.9738, -26.1530

■ 243.8470, 5.4984,
9.7812

■ 189.3940,
-75.1302, -29.2865

■ 183.7820,
-83.7025, -33.1348

■ 180.6910,
-89.0807, -34.8090

Harmonies

Analogous

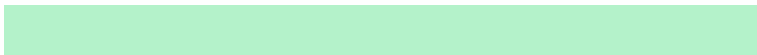
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.8840, -27.5508, 16.7647



222.6250, -21.5071, -8.4411



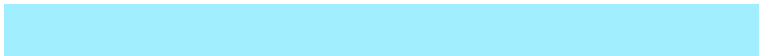
218.9020, -8.3327, -34.1171

Triad

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



222.6250, -21.5071, -8.4411



216.9150, 18.7759, -49.0375



223.2900, 0.3500, 27.8097

Complementary

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



222.6250, -21.5071, -8.4411



192.3750, 21.5071, 8.4411

Split Complementary

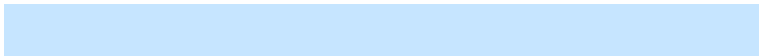
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.4710, 12.5858, 23.2659



222.6250, -21.5071, -8.4411



222.6950, 15.9264, -21.6575

Square

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



222.6250, -21.5071, -8.4411



214.4680, 19.9823, -62.6774



228.7850, 12.9240, 8.0816



221.8590, -12.7485, 29.0647

Rectangle

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



222.6250, -21.5071, -8.4411



216.2620, 2.3358, -49.3418



228.7850, 12.9240, 8.0816



224.4300, 4.7180, 26.8099

Sweetspot

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



222.6250, -21.5071, -8.4411



250.8550, -6.8305, -2.5038



209.5440, -15.0582, 23.2019



125.2510, -4.0677, -1.9741



0.0000, 0.0000, 0.0000



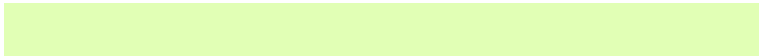
128.0000, 0.0000, 0.0000

Same Dimension

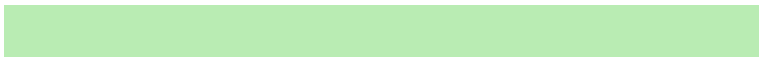
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6250, -21.5071, -8.4411



237.5940, -27.9008, -11.0449



214.2530, -17.3797, -25.6549



114.5500, -4.2152, -1.3594



138.5390, -68.2997, -26.7827



41.2660, -20.3441, -8.1263

Inverse Universe

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



192.3750, 21.5071, 8.4411



198.4060, 27.9008, 11.0449



200.7470, 17.3797, 25.6549



108.4500, 4.2152, 1.3594



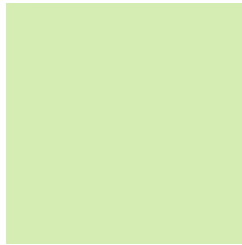
42.4610, 68.2997, 26.7827



12.7340, 20.3441, 8.1263

Previews

White Background



This preview shows how the YUV color 222.6250, -21.5071, -8.4411 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 222.6250, -21.5071, -8.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

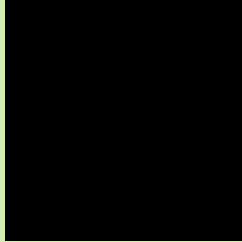
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

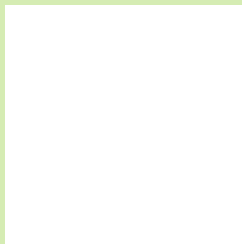
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.6250, -21.5071, -8.4411

Background



This preview shows how black text looks on a background with the YUV color 222.6250, -21.5071, -8.4411.



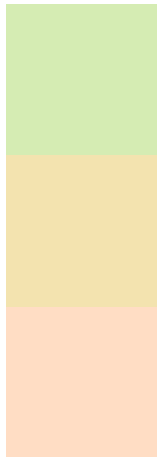
This preview shows how white text looks on a background with the YUV color 222.6250, -21.5071, -8.4411.

-8.4411.

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

222.6250, -21.5071, -8.4411

Protanopia

225.8560, -25.0720, 15.0353

Deuteranopia

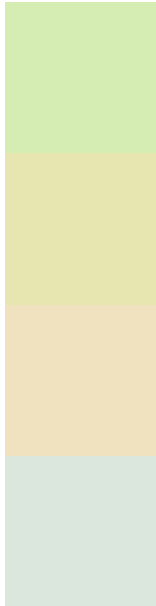
228.3160, -15.9318, 23.4019



Tritanopia

227.8560, 8.4520, -4.2587

Trichromacy



Original Color

222.6250, -21.5071, -8.4411

Protanomaly

224.4420, -23.8819, 6.6284

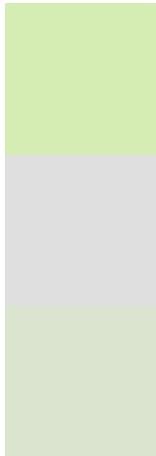
Deuteranomaly

226.0820, -17.7884, 12.2061

Tritanomaly

225.6850, -2.3097, -5.8627

Monochromacy



Original Color

222.6250, -21.5071, -8.4411

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9150, -7.8461, -3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6250, -21.5071, -8.4411 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(213, 236, 179)` looks like.

```
.text, #text, p{  
    color:rgb(213, 236, 179)  
}
```

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(213, 236, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 236, 179) }
```

Border

The CSS property to change the border of an element to YUV 222.6250, -21.5071, -8.4411 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(213, 236, 179) }
```


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

```
.border{ border-color:rgb(213, 236, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 236, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 236, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 236, 179);  
box-shadow:4px 4px 4px 4px rgb(213, 236,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 222.6250, -21.5071, -8.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 236, 179) }
```

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

```
.background{ background-color: rgb(213,  
236, 179) }
```

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