

Converting Colors

YUV(222.6910, -21.5397,
2.0250)

Have a look what the booklet for
YUV(222.6910, -21.5397, 2.0250)
contains.

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Color

**YUV(222.6910, -21.5397,
2.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E6B3
RGB	225, 230, 179
RGB Percent	88%, 90%, 70%
CMY	0.1176, 0.0980, 0.2980
CMYK	0.02, 0.00, 0.22, 0.10
HSL	66°, 50%, 80%
HSV	66°, 22%, 90%
XYZ	67.4848, 75.8559, 53.7326
YIQ	222.6910, 13.3910, -16.9210

Conversions

Conversions Part 2

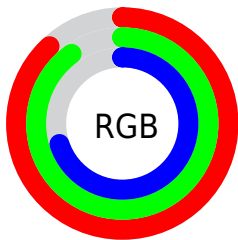
Format	Color
RYB	179, 230, 184
Decimal	14804659
CIELab	89.79, -9.94, 24.35
CIElCh	90, 26.304, 112.209
Yxy	75.8559, 0.3424, 0.3849
Android (android.graphics.Color)	4292994739 (0xFFE1E6B3)
YUV	222.6910, -21.5397, 2.0250
Hunter-Lab	87.0953, -14.1079, 24.3883

Details

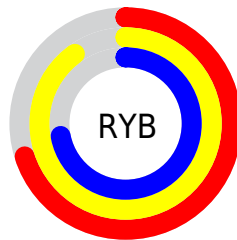
The YUV color $222.6910, -21.5397, 2.0250$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.3090, 21.5397, -2.0250$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, -8.7360, 1.9996$, and $167.6200, -20.5187, 1.2103$ is the 20% darker color. If you saturate the color by 10%, you get $219.4710, -31.2912, 3.0949$, and if you desaturate by 10%, it is $225.9110, -11.7881, 0.9551$.

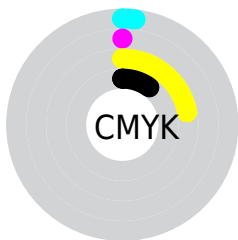
Distribution



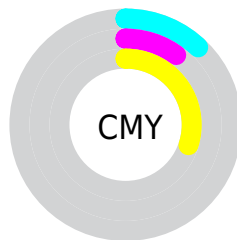
- Red (88%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6910, -21.5397, 2.0250 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 222.6910, -21.5397, 2.0250 by changing the saturation by 10% instead.

■ 222.6910,
-21.5397, 2.0250

■ 222.6910,
-21.5397, 2.0250

255.0000, 0.0000,
0.0000

■ 194.8050,
-21.1029, 1.9250

■ 252.7200, -8.7360,
1.9996

■ 167.6200,
-20.5187, 1.2103

■ 141.1470,
-19.7925, 1.6251

■ 115.2610,
-19.3557, 1.5251

■ 90.1900, -18.3347,
0.7104

■ 67.0050, -17.7505,
-0.0044

■ 44.0050, -17.7505,

-0.0044

■ 24.4870, -12.0721,
-1.3041

■ 0.0000, 0.0000,
0.0000

■ 222.6910,
-21.5397, 2.0250

■ 222.6910,
-21.5397, 2.0250

■ 219.4710,
-31.2912, 3.0949

■ 225.9110,
-11.7881, 0.9551

■ 215.9520,
-40.8953, 3.5501

■ 229.4300, -2.1840,
0.4999

■ 212.7320,
-50.6469, 4.6200

■ 232.6500, 7.5676,
-0.5700

■ 209.5120,
-60.3984, 5.6900

■ 234.0460, 10.3303,
-0.0403

■ 206.2920,
-70.1500, 6.7599

■ 234.6440, 10.0355,
1.1892

■ 202.7730,
-79.7541, 7.2151

■ 235.5410, 9.5933,
3.0335

■ 199.5530,
-89.5056, 8.2850

■ 236.1390, 9.2985,
4.2631

■ 196.9030,
-97.0732, 8.8551

■ 236.7370, 9.0037,
5.4927

■ 237.3350, 8.7088,
6.7222

Harmonies

Analogous

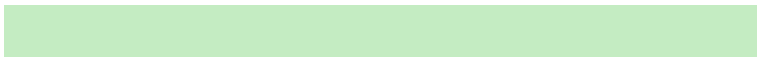
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.4270, -24.3675, 22.4275



222.6910, -21.5397, 2.0250



219.2520, -12.4492, -20.3920

Triad

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



222.6910, -21.5397, 2.0250



216.6270, 18.9179, -47.9079



224.9030, 3.9918, 26.3951

Complementary

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



222.6910, -21.5397, 2.0250



186.3090, 21.5397, -2.0250

Split Complementary

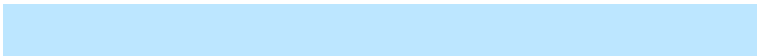
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.4490, 12.5966, 19.7772



222.6910, -21.5397, 2.0250



220.2920, 17.1110, -28.3201

Square

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



222.6910, -21.5397, 2.0250



215.3400, 14.1294, -52.0412



225.7620, 14.4143, -3.2993



222.6400, -7.2175, 28.3797

Rectangle

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



222.6910, -21.5397, 2.0250



217.4550, -3.6753, -34.6020



225.7620, 14.4143, -3.2993



227.1030, 7.3442, 24.4657

Sweetspot

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



222.6910, -21.5397, 2.0250



252.3500, -7.5675, 0.5701



196.5970, -8.6753, 29.2944



126.4470, -4.6574, 0.4850



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.



222.6910, -21.5397, 2.0250



245.0410, -29.1072, 2.5950



215.2160, -17.8545, -13.3444



113.3330, -5.0942, 0.5850



153.2120, -75.5335, 6.8301



43.6910, -21.5397, 2.0250

Inverse Universe

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



186.3090, 21.5397, -2.0250



195.9590, 29.1072, -2.5950



193.7840, 17.8545, 13.3444



104.6670, 5.0942, -0.5850



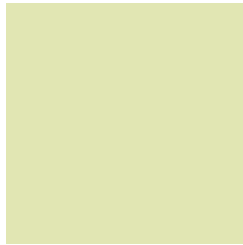
25.4890, 75.6809, -7.4449



7.3090, 21.5397, -2.0250

Previews

White Background



This preview shows how the YUV color 222.6910, -21.5397, 2.0250 looks on a white background.

Color Contrast Check

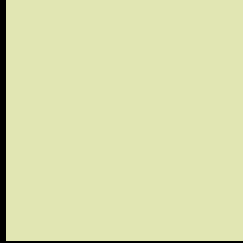
Large Text (above 18pt) WCAG AA × Fail

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 222.6910, -21.5397, 2.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

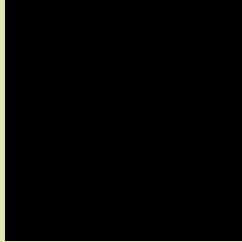
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

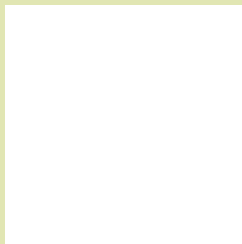
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.6910, -21.5397, 2.0250

Background



This preview shows how black text looks on a background with the YUV color 222.6910, -21.5397, 2.0250.



This preview shows how white text looks on a background with the YUV color 222.6910, -21.5397, 2.0250.

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

222.6910, -21.5397, 2.0250

Protanopia

224.0130, -23.1774, 14.0206

Deuteranopia

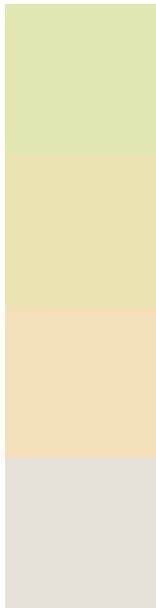
226.6860, -17.1002, 24.8314



Tritanopia

227.2270, 5.8041, 5.0629

Trichromacy



Original Color

222.6910, -21.5397, 2.0250

Protanomaly

223.8060, -22.5824, 9.8171

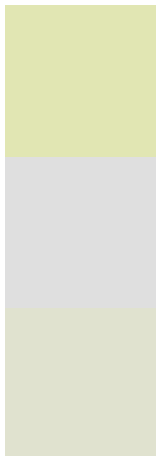
Deuteranomaly

225.1750, -18.8203, 16.5095

Tritanomaly

225.5830, -4.2314, 3.8737

Monochromacy



Original Color

222.6910, -21.5397, 2.0250

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

223.2360, -8.0043, 0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6910, -21.5397, 2.0250 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(225, 230, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 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(225, 230, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 179) }
```

Border

The CSS property to change the border of an element to YUV 222.6910, -21.5397, 2.0250 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(225, 230, 179) }
```


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

```
.border{ border-color:rgb(225, 230, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 230, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 222.6910, -21.5397, 2.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 179) }
```

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

```
.background{ background-color: rgb(225,  
230, 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](#).

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