

Converting Colors

YUV(222.6530, -20.5349,
6.4433)

Have a look what the booklet for
YUV(222.6530, -20.5349, 6.4433)
contains.

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Color

**YUV(222.6530, -20.5349,
6.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3B5
RGB	230, 227, 181
RGB Percent	90%, 89%, 71%
CMY	0.0980, 0.1098, 0.2902
CMYK	0.00, 0.01, 0.21, 0.10
HSL	56°, 49%, 81%
HSV	56°, 21%, 90%
XYZ	68.4427, 75.0974, 54.6040
YIQ	222.6530, 16.5540, -13.6700

Conversions

Conversions Part 2

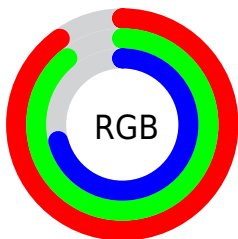
Format	Color
RYB	184, 230, 181
Decimal	15131573
CIELab	89.44, -6.32, 22.89
CIELCh	89, 23.748, 105.426
Yxy	75.0974, 0.3454, 0.3790
Android (android.graphics.Color)	4293321653 (0xFFE6E3B5)
YUV	222.6530, -20.5349, 6.4433
Hunter-Lab	86.6587, -10.6742, 23.3023

Details

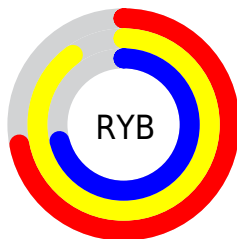
The YUV color $222.6530, -20.5349, 6.4433$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $188.3470, 20.5349, -6.4433$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, -7.8624, 1.7996$, and $167.5820, -19.5139, 5.6286$ is the 20% darker color. If you saturate the color by 10%, you get $219.4440, -30.2919, 9.2576$, and if you desaturate by 10%, it is $225.8620, -10.7780, 3.6290$.

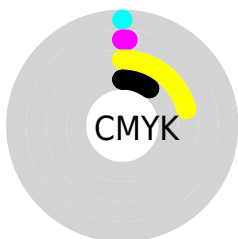
Distribution



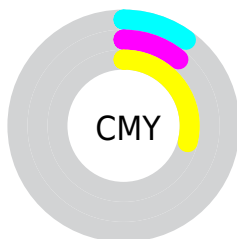
- Red (90%)
- Green (89%)
- Blue (71%)



- Red (72%)
- Yellow (90%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6530, -20.5349, 6.4433 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 222.6530, -20.5349, 6.4433 by changing the saturation by 10% instead.

■ 222.6530,
-20.5349, 6.4433

■ 222.6530,
-20.5349, 6.4433

255.0000, 0.0000,
0.0000

■ 194.7670,
-20.0981, 6.3433

■ 252.9480, -7.8624,
1.7996

■ 167.5820,
-19.5139, 5.6286

■ 140.8100,
-18.6403, 5.4286

■ 115.5110,
-18.4929, 4.8139

■ 90.7390, -17.6193,
4.6139

■ 66.6680, -16.5983,
3.7992

■ 44.3690, -16.4509,

3.1844

■ 24.5090, -12.0829,
2.1846

■ 0.0000, 0.0000,
0.0000

■ 222.6530,
-20.5349, 6.4433

■ 222.6530,
-20.5349, 6.4433

■ 219.4440,
-30.2919, 9.2576

■ 225.8620,
-10.7780, 3.6290

■ 215.6480,
-39.7595, 12.5867

■ 229.6580, -1.3104,
0.2999

■ 212.4390,
-49.5164, 15.4010

■ 232.8670, 8.4466,
-2.5144

■ 208.6430,
-58.9840, 18.7301

■ 234.6110, 10.0518,
-4.0438

■ 205.4340,
-68.7410, 21.5444

■ 235.1980, 9.7624,
-4.5586

■ 202.2250,
-78.4979, 24.3587

■ 235.7850, 9.4730,
-5.0734

■ 198.4290,
-87.9655, 27.6878

■ 236.9590, 8.8942,
-6.1030

■ 195.5620,
-96.4121, 30.2021

■ 237.5460, 8.6048,
-6.6178

■ 238.7200, 8.0260,
-7.6474

Harmonies

Analogous

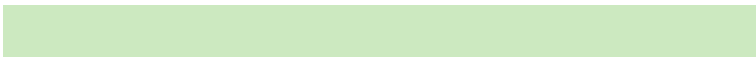
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.4210, -21.8996, 24.1868



222.6530, -20.5349, 6.4433



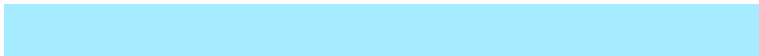
219.6550, -13.6339, -13.7294

Triad

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



222.6530, -20.5349, 6.4433



216.6490, 18.9070, -44.4192



226.5330, 5.1602, 24.9656

Complementary

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



222.6530, -20.5349, 6.4433



188.3470, 20.5349, -6.4433

Split Complementary

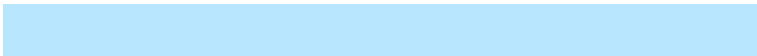
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9320, 13.3445, 13.2146



222.6530, -20.5349, 6.4433



219.3950, 17.5533, -30.1644

Square

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



222.6530, -20.5349, 6.4433



215.9450, 9.8871, -44.6788



223.9570, 15.3042, -8.7323



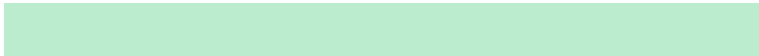
223.3240, -4.5967, 27.7799

Rectangle

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



222.6530, -20.5349, 6.4433



217.8150, -6.3178, -27.0248



223.9570, 15.3042, -8.7323



227.9180, 7.9284, 23.7509

Sweetspot

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



222.6530, -20.5349, 6.4433



252.7030, -6.2626, 2.0145



195.9930, -5.9125, 29.8241



126.3870, -3.6418, 1.4146



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.



222.6530, -20.5349, 6.4433



245.1280, -27.6711, 8.6577



218.1350, -18.3076, -8.0114



113.0450, -4.9522, 1.7145



152.1370, -75.0035, 23.5589



43.4250, -21.4085, 6.6433

Inverse Universe

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



188.3470, 20.5349, -6.4433



198.8720, 27.6711, -8.6577



192.8650, 18.3076, 8.0114



104.9550, 4.9522, -1.7145



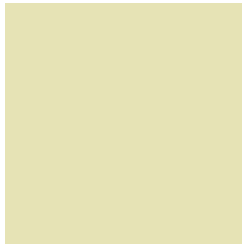
26.8630, 75.0035, -23.5589



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 222.6530, -20.5349, 6.4433 looks on a white background.

Color Contrast Check

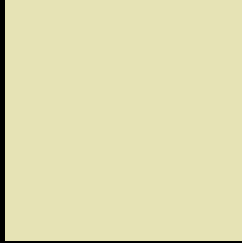
Large Text (above 18pt) WCAG AA × Fail

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 222.6530, -20.5349, 6.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

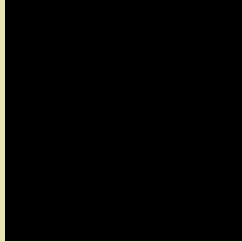
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

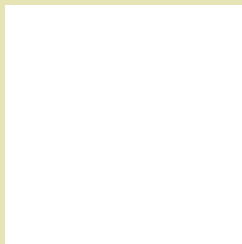
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.6530, -20.5349, 6.4433

Background



This preview shows how black text looks on a background with the YUV color 222.6530, -20.5349, 6.4433.



This preview shows how white text looks on a background with the YUV color 222.6530, -20.5349, 6.4433.

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

222.6530, -20.5349, 6.4433

Protanopia

223.4690, -21.4302, 13.6207

Deuteranopia

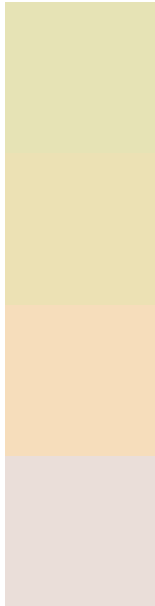
225.3980, -16.9582, 25.9610



Tritanopia

226.4340, 5.2090, 9.2664

Trichromacy



Original Color

222.6530, -20.5349, 6.4433

Protanomaly

223.1590, -21.2774, 11.2616

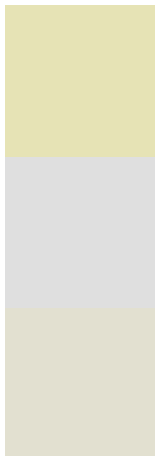
Deuteranomaly

224.5990, -18.5363, 18.7687

Tritanomaly

225.0180, -3.9529, 7.8772

Monochromacy



Original Color

222.6530, -20.5349, 6.4433

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6530, -20.5349, 6.4433 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(230, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 181)  
}
```

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(230, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 181) }
```

Border

The CSS property to change the border of an element to YUV 222.6530, -20.5349, 6.4433 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(230, 227, 181) }
```


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

```
.border{ border-color:rgb(230, 227, 181) }
```

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

Here you see how a box with a 4 pixel rgb(230, 227, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 222.6530, -20.5349, 6.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 181) }
```

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

```
.background{ background-color: rgb(230,  
227, 181) }
```

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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