

Converting Colors

YUV(222.1170, -27.6657,
6.9134)

Have a look what the booklet for
YUV(222.1170, -27.6657, 6.9134)
contains.

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Color

**YUV(222.1170, -27.6657,
6.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5A6
RGB	230, 229, 166
RGB Percent	90%, 90%, 65%
CMY	0.0980, 0.1020, 0.3490
CMYK	0.00, 0.00, 0.28, 0.10
HSL	59°, 56%, 78%
HSV	59°, 28%, 90%
XYZ	67.5354, 75.6148, 47.1120
YIQ	222.1170, 20.8190, -19.3810

Conversions

Conversions Part 2

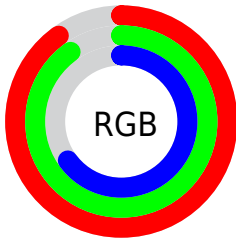
Format	Color
RYB	167, 230, 166
Decimal	15132070
CIELab	89.68, -9.35, 30.94
CIELCh	90, 32.318, 106.812
Yxy	75.6148, 0.3550, 0.3974
Android (android.graphics.Color)	4293322150 (0xFFE6E5A6)
YUV	222.1170, -27.6657, 6.9134
Hunter-Lab	86.9568, -13.5415, 28.7472

Details

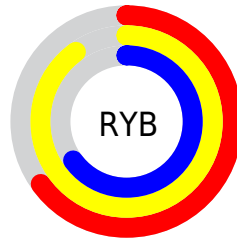
The YUV color **222.1170, -27.6657, 6.9134** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173.8830, 27.6657, -6.9134**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1240, -14.8511, 3.3993**, and **167.1600, -26.2079, 5.9987** is the 20% darker color. If you saturate the color by 10%, you get **219.4950, -37.7120, 9.2129**, and if you desaturate by 10%, it is **224.7390, -17.6193, 4.6139**.

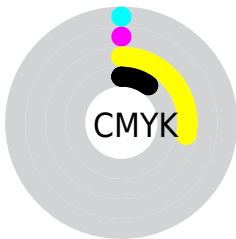
Distribution



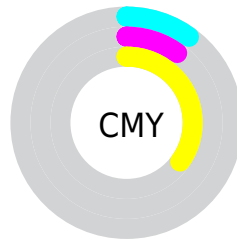
- Red (90%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.1170, -27.6657, 6.9134 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 222.1170, -27.6657, 6.9134 by changing the saturation by 10% instead.

■ 222.1170,
-27.6657, 6.9134

■ 222.1170,
-27.6657, 6.9134

■ 255.0000, 0.0000,
0.0000

■ 194.2310,
-27.2289, 6.8134

■ 251.1240,
-14.8511, 3.3993

■ 167.1600,
-26.2079, 5.9987

■ 254.4300, -2.1840,
0.4999

■ 140.2740,
-25.7711, 5.8987

■ 114.2030,
-24.7501, 5.0840

■ 90.0180, -24.1659,
4.3692

■ 65.8330, -23.5817,
3.6545

■ 43.4030, -21.3977,

3.1546

■ 24.7860, -12.2195,
-0.6893

■ 0.0000, 0.0000,
0.0000

■ 222.1170,
-27.6657, 6.9134

■ 222.1170,
-27.6657, 6.9134

■ 219.4950,
-37.7120, 9.2129

■ 224.7390,
-17.6193, 4.6139

■ 216.2860,
-47.4690, 12.0272

■ 227.9480, -7.8624,
1.7996

■ 213.6640,
-57.5154, 14.3267

■ 230.5700, 2.1840,
-0.4999

■ 211.0420,
-67.5617, 16.6262

■ 232.8500, 10.9200,
-2.4994

■ 207.8330,
-77.3187, 19.4405

■ 233.4370, 10.6306,
-3.0142

■ 205.2110,
-87.3650, 21.7400

■ 234.0240, 10.3412,
-3.5290

■ 202.0020,
-97.1220, 24.5542

■ 201.4320,
-99.3060, 25.0541

Harmonies

Analogous

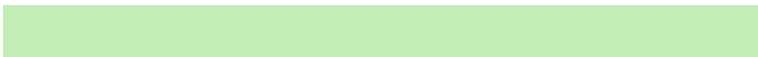
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.7220, -28.4569, 27.4308



222.1170, -27.6657, 6.9134



218.1720, -17.8328, -20.3218

Triad

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



222.1170, -27.6657, 6.9134



211.2120, 21.5875, -64.2069



223.3530, 8.2070, 27.7544

Complementary

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



222.1170, -27.6657, 6.9134



173.8830, 27.6657, -6.9134

Split Complementary

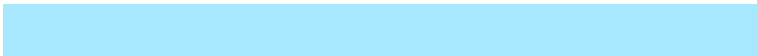
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5630, 13.0334, 19.6772



222.1170, -27.6657, 6.9134



215.4860, 19.4804, -41.6452

Square

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



222.1170, -27.6657, 6.9134



210.8930, 15.3358, -65.6812



222.7720, 15.8884, -9.4470



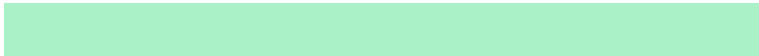
219.2320, -5.0444, 31.3685

Rectangle

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



222.1170, -27.6657, 6.9134



215.3960, -7.5902, -38.9353



222.7720, 15.8884, -9.4470



225.6670, 11.9962, 25.7250

Sweetspot

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



222.1170, -27.6657, 6.9134



252.7200, -8.7360, 1.9996



185.2500, -8.9972, 39.2458



125.9310, -5.3890, 1.8145



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.



222.1170, -27.6657, 6.9134



244.8370, -36.4016, 8.9130



213.4350, -23.3855, -12.6595



113.6320, -5.2416, 1.1997



156.8330, -77.3187, 19.4405



44.5990, -21.9873, 5.6137

Inverse Universe

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



173.8830, 27.6657, -6.9134



181.1630, 36.4016, -8.9130



182.5650, 23.3855, 12.6595



104.3680, 5.2416, -1.1997



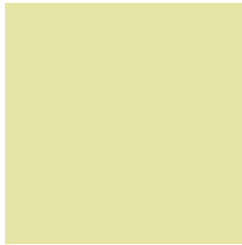
22.1670, 77.3187, -19.4405



6.4010, 21.9873, -5.6137

Previews

White Background



This preview shows how the YUV color 222.1170, -27.6657, 6.9134 looks on a white background.

Color Contrast Check

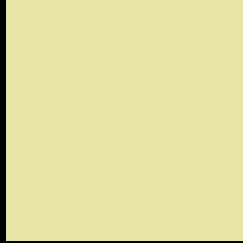
Large Text (above 18pt) WCAG AA × Fail

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 222.1170, -27.6657, 6.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

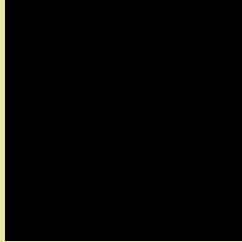
Any Text WCAG AA ✓ Pass

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 222.1170, -27.6657, 6.9134 Background



This preview shows how black text looks on a background with the YUV color 222.1170, -27.6657, 6.9134.

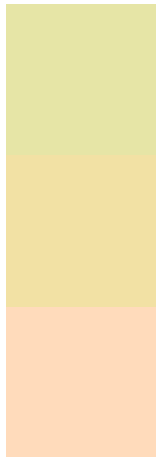


This preview shows how white text looks on a background with the YUV color 222.1170, -27.6657, 6.9134.

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

222.1170, -27.6657, 6.9134

Protanopia

223.1290, -29.1506, 16.5499

Deuteranopia

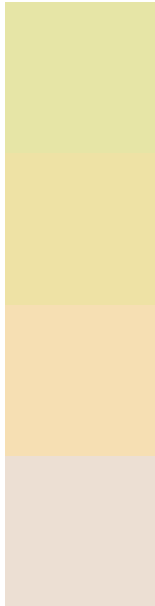
226.1160, -19.2842, 25.3313



Tritanopia

227.6190, 4.6248, 9.9811

Trichromacy



Original Color

222.1170, -27.6657, 6.9134

Protanomaly

222.6340, -28.4136, 13.4760

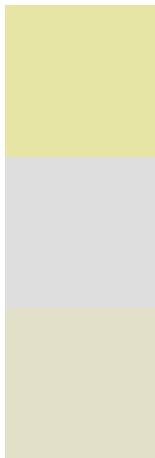
Deuteranomaly

224.8610, -22.6095, 18.5389

Tritanomaly

225.5190, -7.1579, 9.1918

Monochromacy



Original Color

222.1170, -27.6657, 6.9134

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.3780, -10.0464, 2.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.1170, -27.6657, 6.9134 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, 229, 166)` looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 166)  
}
```

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, 229, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 166) }
```

Border

The CSS property to change the border of an element to YUV 222.1170, -27.6657, 6.9134 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, 229, 166) }
```


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

```
.border{ border-color:rgb(230, 229, 166) }
```

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

Here you see how a box with a 4 pixel rgb(230, 229, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 166);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 222.1170, -27.6657, 6.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 166) }
```

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

```
.background{ background-color: rgb(230,  
229, 166) }
```

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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