

Converting Colors

YUV(228.1550, -28.6704,
2.4951)

Have a look what the booklet for
YUV(228.1550, -28.6704, 2.4951)
contains.

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Color

**YUV(228.1550, -28.6704,
2.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EEAA
RGB	231, 238, 170
RGB Percent	91%, 93%, 67%
CMY	0.0941, 0.0667, 0.3333
CMYK	0.03, 0.00, 0.29, 0.07
HSL	66°, 67%, 80%
HSV	66°, 29%, 93%
XYZ	70.7852, 81.0403, 49.9418
YIQ	228.1550, 17.6560, -22.6320

Conversions

Conversions Part 2

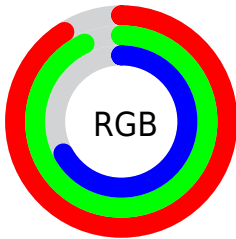
Format	Color
RYB	170, 238, 177
Decimal	15199914
CIELab	92.15, -12.95, 32.22
CIELCh	92, 34.728, 111.888
Yxy	81.0403, 0.3508, 0.4017
Android (android.graphics.Color)	4293389994 (0xFFE7EEAA)
YUV	228.1550, -28.6704, 2.4951
Hunter-Lab	90.0224, -17.1833, 30.1233

Details

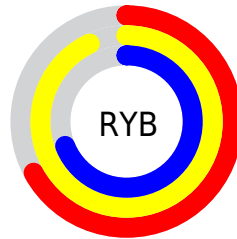
The YUV color $228.1550, -28.6704, 2.4951$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $179.8450, 28.6704, -2.4951$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $172.4970, -27.3600, 2.1951$ is the 20% darker color. If you saturate the color by 10%, you get $224.8210, -38.8588, 3.6650$, and if you desaturate by 10%, it is $231.4890, -18.4821, 1.3251$.

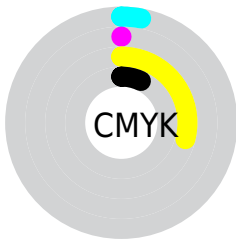
Distribution



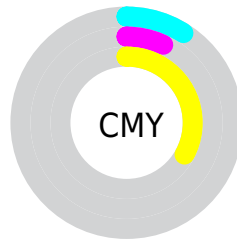
- Red (91%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1550, -28.6704, 2.4951 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 228.1550, -28.6704, 2.4951 by changing the saturation by 10% instead.

■ 228.1550,
-28.6704, 2.4951

■ 228.1550,
-28.6704, 2.4951

255.0000, 0.0000,
0.0000

■ 200.2690,
-28.2336, 2.3951

■ 251.6940,
-12.6671, 2.8994

■ 172.4970,
-27.3600, 2.1951

■ 145.7250,
-26.4864, 1.9952

■ 119.6540,
-25.4654, 1.1804

■ 94.7680, -25.0286,
1.0805

■ 70.5830, -24.4444,
0.3657

■ 47.5120, -23.4234,

-0.4490

■ 28.3080, -13.9558,
-3.7781

■ 8.2180, -4.0515,
-7.2072

■ 228.1550,
-28.6704, 2.4951

■ 228.1550,
-28.6704, 2.4951

■ 224.8210,
-38.8588, 3.6650

■ 231.4890,
-18.4821, 1.3251

■ 221.1880,
-48.8997, 4.2201

■ 235.1220, -8.4411,
0.7700

■ 217.9680,
-58.6512, 5.2901

■ 238.3420, 1.3104,
-0.2999

■ 214.3350,
-68.6922, 5.8452

■ 240.8350, 6.9833,
0.1447

■ 211.0010,
-78.8805, 7.0151

■ 241.4330, 6.6885,
1.3743

■ 207.3680,
-88.9214, 7.5703

■ 242.3300, 6.2463,
3.2186

■ 204.0340,
-99.1098, 8.7402

■ 242.9280, 5.9515,
4.4481

■ 203.3930,
-100.2727, 8.4253

■ 243.8250, 5.5093,
6.2925

■ 244.4230, 5.2145,
7.5220

Harmonies

Analogous

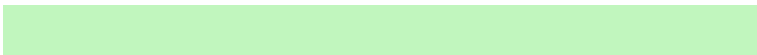
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5320, -30.3353, 23.2124



228.1550, -28.6704, 2.4951



223.7690, -16.6481, -26.9844

Triad

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



228.1550, -28.6704, 2.4951



215.6200, 19.4143, -67.1957



226.6300, 8.0704, 24.8805

Complementary

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



228.1550, -28.6704, 2.4951



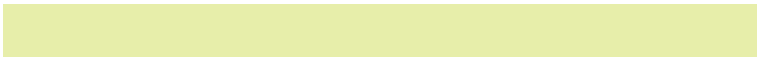
179.8450, 28.6704, -2.4951

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.



232.1070, 11.2862, 20.0772



228.1550, -28.6704, 2.4951



221.6990, 16.4174, -39.2010

Square

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



228.1550, -28.6704, 2.4951



215.8750, 19.2886, -73.5584



229.5940, 12.5252, -4.0289



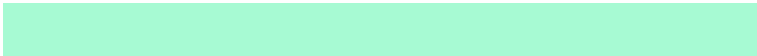
222.7540, -6.7807, 28.2797

Rectangle

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



228.1550, -28.6704, 2.4951



220.7370, -4.8003, -47.1273



229.5940, 12.5252, -4.0289



228.4710, 12.5858, 23.2659

Sweetspot

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



228.1550, -28.6704, 2.4951



251.7800, -9.7515, 1.0699



194.4410, -12.0494, 38.2012



125.6920, -6.2572, 0.2701



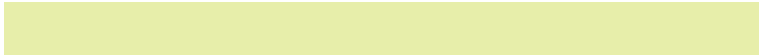
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

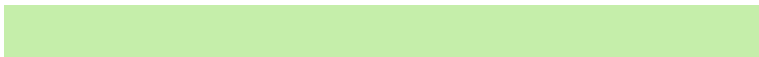
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.1550, -28.6704, 2.4951



242.3910, -36.6748, 3.1651



217.9890, -23.6586, -18.4074



118.3330, -5.0942, 0.5850



157.3430, -77.5701, 6.7152



47.8220, -23.5762, 1.9101

Inverse Universe

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



179.8450, 28.6704, -2.4951



180.6090, 36.6748, -3.1651



190.0110, 23.6586, 18.4074



109.6670, 5.0942, -0.5850



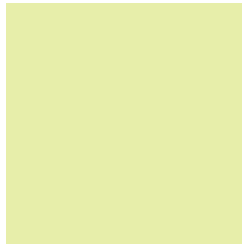
26.6570, 77.5701, -6.7152



8.1780, 23.5762, -1.9101

Previews

White Background



This preview shows how the YUV color 228.1550, -28.6704, 2.4951 looks on a white background.

Color Contrast Check

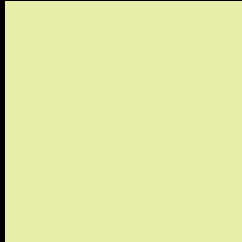
Large Text (above 18pt) WCAG AA × Fail

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 228.1550, -28.6704, 2.4951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

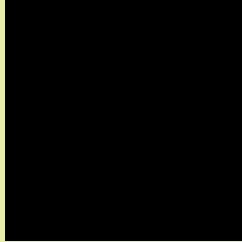
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

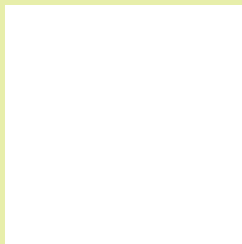
Any Text WCAG AAA ✓ Pass

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

YUV 228.1550, -28.6704, 2.4951 Background



This preview shows how black text looks on a background with the YUV color 228.1550, -28.6704, 2.4951.

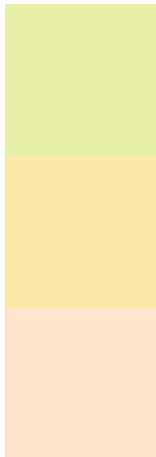


This preview shows how white text looks on a background with the YUV color 228.1550, -28.6704, 2.4951.

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

228.1550, -28.6704, 2.4951

Protanopia

229.9720, -31.0452, 17.5646

Deuteranopia

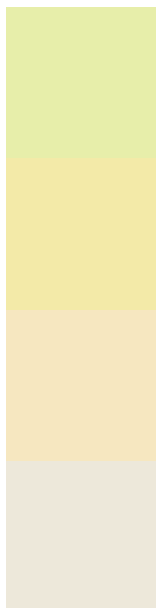
232.7500, -14.1737, 19.5133



Tritanopia

233.9390, 5.9461, 6.1925

Trichromacy



Original Color

228.1550, -28.6704, 2.4951

Protanomaly

229.1670, -30.1553, 12.1315

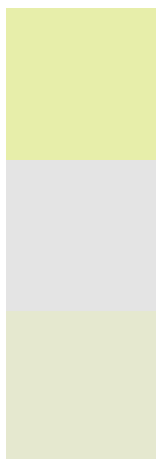
Deuteranomaly

231.0390, -19.2462, 13.1208

Tritanomaly

231.8990, -6.8522, 4.4736

Monochromacy



Original Color

228.1550, -28.6704, 2.4951

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1550, -28.6704, 2.4951 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(231, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 238, 170)  
}
```

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(231, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 238, 170) }
```

Border

The CSS property to change the border of an element to YUV 228.1550, -28.6704, 2.4951 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(231, 238, 170) }
```


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

```
.border{ border-color:rgb(231, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 238,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 228.1550, -28.6704, 2.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 238, 170) }
```

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

```
.background{ background-color: rgb(231,  
238, 170) }
```

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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