

Converting Colors

YUV(227.4930, 2.2220,
-12.7104)

Have a look what the booklet for
YUV(227.4930, 2.2220, -12.7104)
contains.

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Color

**YUV(227.4930, 2.2220,
-12.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EAE8
RGB	213, 234, 232
RGB Percent	84%, 92%, 91%
CMY	0.1647, 0.0824, 0.0902
CMYK	0.09, 0.00, 0.01, 0.08
HSL	174°, 33%, 88%
HSV	174°, 9%, 92%
XYZ	71.4289, 78.8180, 87.7926
YIQ	227.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

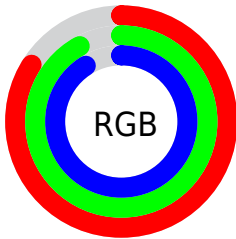
Format	Color
R _Y B	213, 224, 234
Decimal	14019304
CIE Lab	91.15, -7.28, -1.41
CIE LCh	91, 7.411, 190.930
Yxy	78.8180, 0.3001, 0.3311
Android (android.graphics.Color)	4292209384 (0xFFD5EAE8)
YUV	227.4930, 2.2220, -12.7104
Hunter-Lab	88.7795, -11.7492, 3.5147

Details

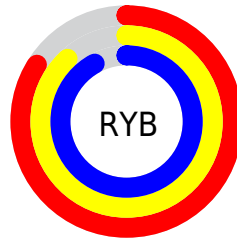
The YUV color $227.4930, 2.2220, -12.7104$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.5070, -2.2220, 12.7104$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.7920, 2.0745, -12.0956$ is the 20% darker color. If you saturate the color by 10%, you get $220.3880, 4.7387, -26.6503$, and if you desaturate by 10%, it is $234.5980, -0.2948, 1.2296$.

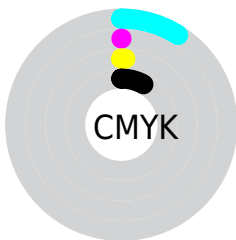
Distribution



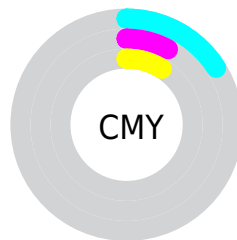
- Red (84%)
- Green (92%)
- Blue (91%)



- Red (84%)
- Yellow (88%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.4930, 2.2220, -12.7104 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 227.4930, 2.2220, -12.7104 by changing the saturation by 10% instead.

■ 227.4930, 2.2220,
-12.7104

■ 227.4930, 2.2220,
-12.7104

255.0000, 0.0000,
0.0000

■ 199.4930, 2.2220,
-12.7104

■ 171.7920, 2.0745,
-12.0956

■ 145.7920, 2.0745,
-12.0956

■ 120.0910, 1.9271,
-11.4808

■ 95.0910, 1.9271,
-11.4808

■ 71.3900, 1.7797,
-10.8660

■ 48.8030, 2.0691,

-10.3512

■ 27.8030, 2.0691,
-10.3512

■ 5.4940, 0.7425,
-4.8182

■ 227.4930, 2.2220,
-12.7104

■ 227.4930, 2.2220,
-12.7104

■ 220.3880, 4.7387,
-26.6503

■ 234.5980, -0.2948,
1.2296

■ 212.9840, 7.4029,
-41.2050

■ 240.5070, -2.2220,
12.7104

■ 205.7650, 9.4829,
-55.0449

■ 240.8490, -0.9116,
12.4104

■ 198.3610, 12.1470,
-69.5996

■ 241.0770, -0.0380,
12.2105

■ 191.2560, 14.6638,
-83.5395

■ 241.3050, 0.8356,
12.0105

■ 184.1510, 17.1806,
-97.4794

■ 241.5330, 1.7092,
11.8106

■ 176.6330, 19.4079,
-111.9341

■ 241.8750, 3.0196,
11.5106

■ 169.5280, 21.9247,
-125.8741

■ 242.1030, 3.8932,
11.3107

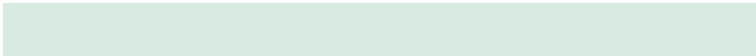
■ 162.1240, 24.5889,
-140.4287

■ 242.3310, 4.7668,
11.1107

Harmonies

Analogous

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



227.8910, -1.4253, -9.5514



227.4930, 2.2220, -12.7104



227.7040, 5.5689, -12.8954

Triad

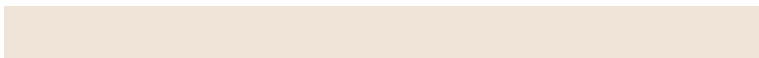
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.4930, 2.2220, -12.7104



230.5750, 4.6465, 3.0037



230.2200, -7.0105, 8.5771

Complementary

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



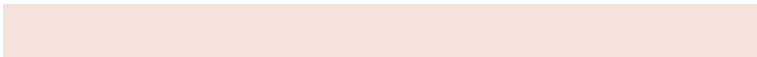
227.4930, 2.2220, -12.7104



219.5070, -2.2220, 12.7104

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.



231.1110, -4.9847, 12.1807



227.4930, 2.2220, -12.7104



230.8100, 1.5727, 8.9366

Square

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



227.4930, 2.2220, -12.7104



229.6990, 6.5574, -3.2440



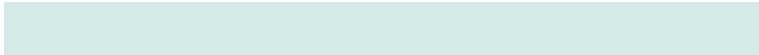
231.2080, -2.0745, 12.0956



229.3010, -6.5574, 3.2440

Rectangle

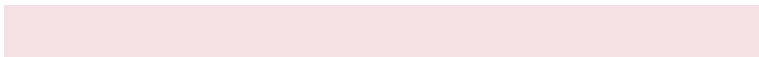
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.4930, 2.2220, -12.7104



228.3560, 6.7265, -10.8362



231.2080, -2.0745, 12.0956



230.3450, -6.5791, 10.2214

Sweetspot

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



227.4930, 2.2220, -12.7104



252.4940, 0.7425, -4.8182



225.9250, -6.3720, -9.5812



126.0920, 0.4476, -3.5887



0.0000, 0.0000, 0.0000



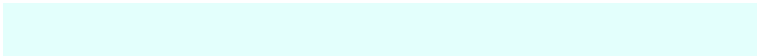
128.0000, 0.0000, 0.0000

Same Dimension

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



227.4930, 2.2220, -12.7104



246.2860, 2.8170, -16.9138



223.0250, 5.4107, -8.7919



113.5970, 1.1847, -6.6626



124.9430, 19.2551, -109.5750



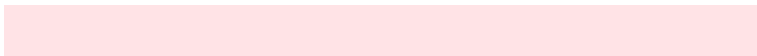
37.1700, 5.3392, -32.5981

Inverse Universe

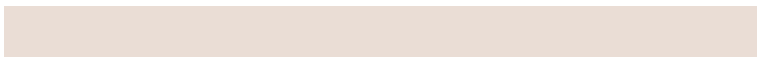
The Inverse Universe completely reimagines the original color for something new.



219.5070, -2.2220, 12.7104



235.7140, -2.8170, 16.9138



223.9750, -5.4107, 8.7919



109.4030, -1.1847, 6.6626



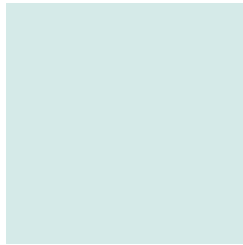
56.0570, -19.2551, 109.5750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 227.4930, 2.2220, -12.7104 looks on a white background.

Color Contrast Check

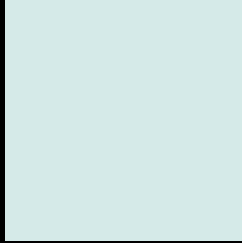
Large Text (above 18pt) WCAG AA × Fail

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 227.4930, 2.2220, -12.7104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

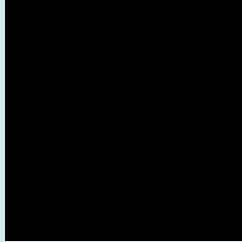
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

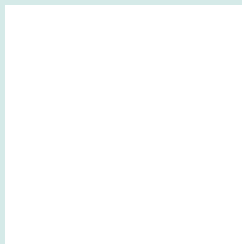
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.4930, 2.2220, -12.7104

Background



This preview shows how black text looks on a background with the YUV color 227.4930, 2.2220, -12.7104.



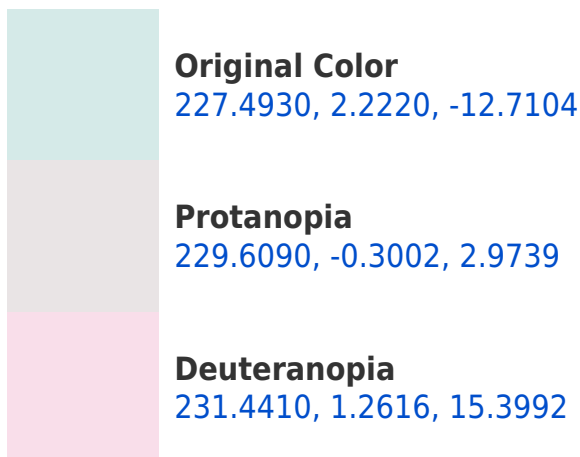
This preview shows how white text looks on a background with the YUV color 227.4930, 2.2220, -12.7104.

-12.7104.

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

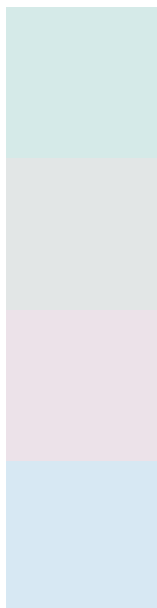




Tritanopia

228.6810, 10.5103, -11.1212

Trichromacy



Original Color

227.4930, 2.2220, -12.7104

Protanomaly

228.8040, 0.5896, -2.4591

Deuteranomaly

229.7880, 1.5835, 5.4479

Tritanomaly

228.1710, 7.3107, -11.5510

Monochromacy



Original Color

227.4930, 2.2220, -12.7104

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.4940, 0.7425, -4.8182

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.4930, 2.2220, -12.7104 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, 234, 232)` looks like.

```
.text, #text, p{  
    color:rgb(213, 234, 232)  
}
```

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, 234, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 234, 232) }
```

Border

The CSS property to change the border of an element to YUV 227.4930, 2.2220, -12.7104 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, 234, 232) }
```


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

```
.border{ border-color:rgb(213, 234, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 234, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 234, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 234, 232);  
box-shadow:4px 4px 4px 4px rgb(213, 234,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 227.4930, 2.2220, -12.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 234, 232) }
```

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

```
.background{ background-color: rgb(213,  
234, 232) }
```

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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