

Converting Colors

YUV(222.8830, 4.0017,
-23.5764)

Have a look what the booklet for
YUV(222.8830, 4.0017, -23.5764)
contains.

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Color

**YUV(222.8830, 4.0017,
-23.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EBE7
RGB	196, 235, 231
RGB Percent	77%, 92%, 91%
CMY	0.2314, 0.0784, 0.0941
CMYK	0.17, 0.00, 0.02, 0.08
HSL	174°, 49%, 85%
HSV	174°, 17%, 92%
XYZ	66.8971, 76.9219, 86.9229
YIQ	222.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

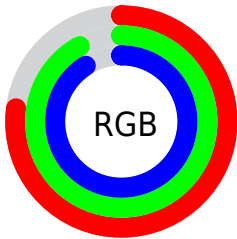
Format	Color
R _Y B	196, 217, 235
Decimal	12905447
CIE Lab	90.29, -13.37, -2.28
CIE LCh	90, 13.561, 189.687
Yxy	76.9219, 0.2899, 0.3334
Android (android.graphics.Color)	4291095527 (0xFFC4EBE7)
YUV	222.8830, 4.0017, -23.5764
Hunter-Lab	87.7052, -17.3332, 2.6324

Details

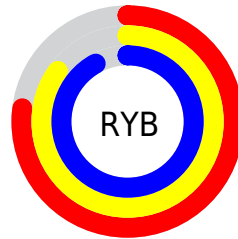
The YUV color $222.8830, 4.0017, -23.5764$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.1170, -4.0017, 23.5764$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $167.4810, 3.7069, -22.3468$ is the 20% darker color. If you saturate the color by 10%, you get $215.4790, 6.6659, -38.1311$, and if you desaturate by 10%, it is $230.2870, 1.3375, -9.0217$.

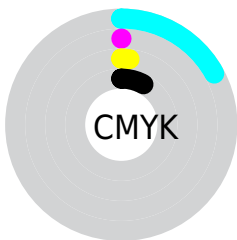
Distribution



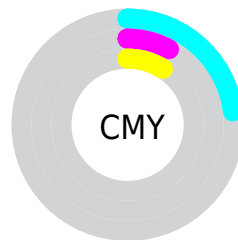
- Red (77%)
- Green (92%)
- Blue (91%)



- Red (77%)
- Yellow (85%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.8830, 4.0017, -23.5764 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 222.8830, 4.0017, -23.5764 by changing the saturation by 10% instead.

■ 222.8830, 4.0017,
-23.5764

■ 222.8830, 4.0017,
-23.5764

255.0000, 0.0000,
0.0000

■ 194.8830, 4.0017,
-23.5764

254.4020, 0.2948,
-1.2296

■ 167.4810, 3.7069,
-22.3468

■ 140.8940, 3.9963,
-21.8320

■ 115.1930, 3.8489,
-21.2173

■ 90.1930, 3.8489,
-21.2173

■ 66.4920, 3.7014,
-20.6025

■ 43.3070, 4.2856,

-21.3172

■ 22.9050, 3.9908,
-20.0877

■ 1.9720, 2.4788,
-1.7294

■ 222.8830, 4.0017,
-23.5764

■ 222.8830, 4.0017,
-23.5764

■ 215.4790, 6.6659,
-38.1311

■ 230.2870, 1.3375,
-9.0217

■ 208.2600, 8.7458,
-51.9710

■ 237.5060, -0.7425,
4.8182

■ 201.1550, 11.2626,
-65.9109

■ 241.3220, -1.6377,
11.9956

■ 193.6370, 13.4900,
-80.3656

■ 241.6640, -0.3274,
11.6957

■ 186.5320, 16.0067,
-94.3056

■ 241.8920, 0.5462,
11.4957

■ 179.1280, 18.6709,
-108.8603

■ 242.1200, 1.4198,
11.2958

■ 171.9090, 20.7509,
-122.7002

■ 242.4620, 2.7302,
10.9958

■ 164.5050, 23.4150,
-137.2549

■ 242.6900, 3.6038,
10.7959

■ 161.9990, 24.1575,
-142.0731

■ 243.0320, 4.9142,
10.4959

Harmonies

Analogous

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



223.5050, -2.7140, -16.2289



222.8830, 4.0017, -23.5764



223.6640, 9.5326, -24.2613

Triad

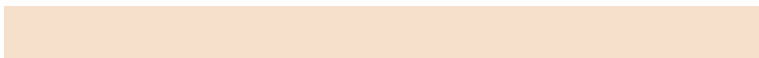
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.8830, 4.0017, -23.5764



229.3240, 8.7143, 4.9779



227.5970, -12.1263, 16.1394

Complementary

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



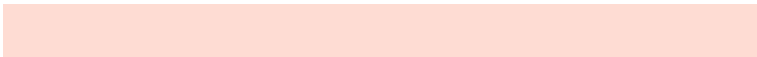
222.8830, 4.0017, -23.5764



208.1170, -4.0017, 23.5764

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.



229.1400, -8.9430, 21.8022



222.8830, 4.0017, -23.5764



229.6090, 3.1508, 16.1289

Square

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



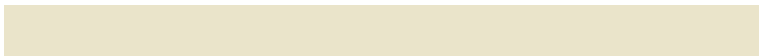
222.8830, 4.0017, -23.5764



227.5720, 12.5360, -7.5176



229.6330, -3.2701, 22.2469



226.8300, -12.2412, 6.2881

Rectangle

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



222.8830, 4.0017, -23.5764



224.3700, 12.1426, -21.3725



229.6330, -3.2701, 22.2469



228.4340, -11.5530, 18.9134

Sweetspot

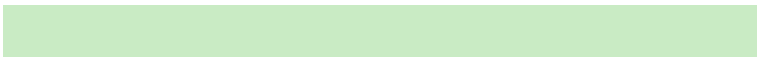
The Sweet Spot groups the original color and five complimentary colors.



222.8830, 4.0017, -23.5764



250.9990, 1.4795, -7.8921



220.3880, -12.0233, -17.0033



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



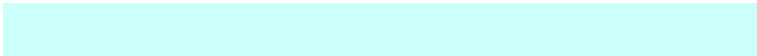
128.0000, 0.0000, 0.0000

Same Dimension

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



222.8830, 4.0017, -23.5764



239.1810, 5.3338, -30.8537



214.5340, 10.0897, -16.2543



113.5970, 1.1847, -6.6626



124.7150, 18.3815, -109.3751



37.1700, 5.3392, -32.5981

Inverse Universe

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



208.1170, -4.0017, 23.5764



219.8190, -5.3338, 30.8537



216.4660, -10.0897, 16.2543



109.4030, -1.1847, 6.6626



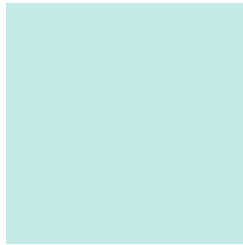
56.2850, -18.3815, 109.3751



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 222.8830, 4.0017, -23.5764 looks on a white background.

Color Contrast Check

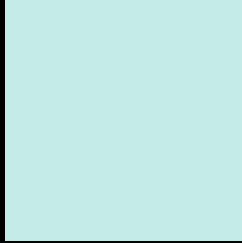
Large Text (above 18pt) WCAG AA × Fail

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 222.8830, 4.0017, -23.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

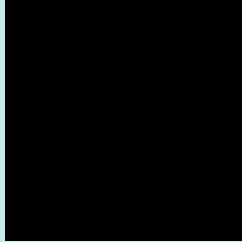
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

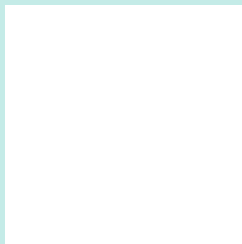
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.8830, 4.0017, -23.5764

Background



This preview shows how black text looks on a background with the YUV color 222.8830, 4.0017, -23.5764.



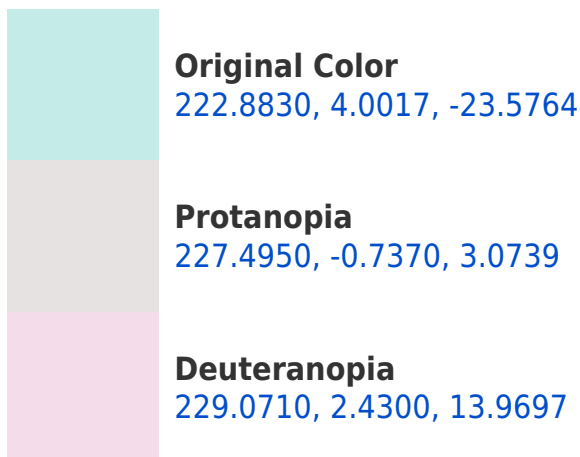
This preview shows how white text looks on a background with the YUV color 222.8830, 4.0017,

-23.5764.

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

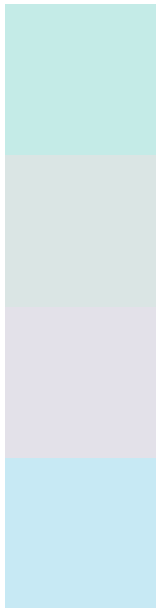




Tritanopia

224.5980, 13.0162, -21.5724

Trichromacy



Original Color

222.8830, 4.0017, -23.5764

Protanomaly

225.5970, 1.1847, -6.6626

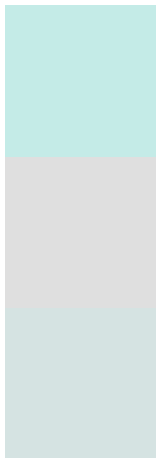
Deuteranomaly

226.5100, 3.1996, 0.4297

Tritanomaly

224.0880, 9.8166, -22.0022

Monochromacy



Original Color

222.8830, 4.0017, -23.5764

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.7000, 1.6269, -8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.8830, 4.0017, -23.5764 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(196, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 231)  
}
```

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(196, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 231) }
```

Border

The CSS property to change the border of an element to YUV 222.8830, 4.0017, -23.5764 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(196, 235, 231) }
```


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

```
.border{ border-color:rgb(196, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(196, 235,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 222.8830, 4.0017, -23.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 231) }
```

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

```
.background{ background-color: rgb(196,  
235, 231) }
```

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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