

Converting Colors

YUV(227.1230, 3.3904,
-14.1399)

Have a look what the booklet for
YUV(227.1230, 3.3904, -14.1399)
contains.

YUV(227.1230, 3.3904, -14.1399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(227.1230, 3.3904,
-14.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EAEA
RGB	211, 234, 234
RGB Percent	83%, 92%, 92%
CMY	0.1725, 0.0824, 0.0824
CMYK	0.10, 0.00, 0.00, 0.08
HSL	180°, 35%, 87%
HSV	180°, 10%, 92%
XYZ	71.1381, 78.6350, 89.2706
YIQ	227.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

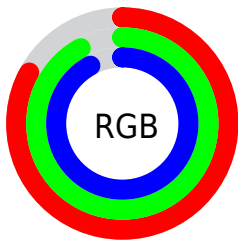
Format	Color
R _Y B	211, 223, 234
Decimal	13888234
CIE Lab	91.07, -7.54, -2.59
CIE LCh	91, 7.968, 198.946
Yxy	78.6350, 0.2976, 0.3290
Android (android.graphics.Color)	4292078314 (0xFFD3EAEA)
YUV	227.1230, 3.3904, -14.1399
Hunter-Lab	88.6764, -11.9872, 2.3862

Details

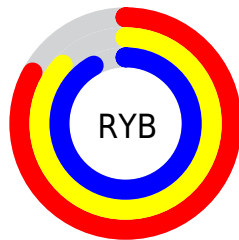
The YUV color $227.1230, 3.3904, -14.1399$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.8770, -3.3904, 14.1399$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.4220, 3.2430, -13.5251$ is the 20% darker color. If you saturate the color by 10%, you get $220.2460, 6.7807, -28.2797$, and if you desaturate by 10%, it is $234.0000, 0.0000, 0.0000$.

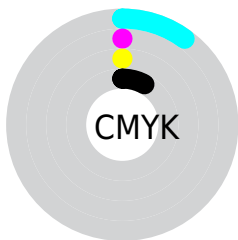
Distribution



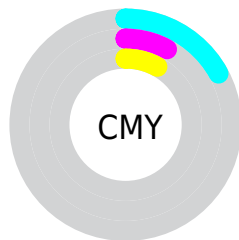
- Red (83%)
- Green (92%)
- Blue (92%)



- Red (83%)
- Yellow (87%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1230, 3.3904, -14.1399 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 227.1230, 3.3904, -14.1399 by changing the saturation by 10% instead.

■ 227.1230, 3.3904,
-14.1399

■ 227.1230, 3.3904,
-14.1399

255.0000, 0.0000,
0.0000

■ 199.1230, 3.3904,
-14.1399

■ 171.4220, 3.2430,
-13.5251

■ 145.4220, 3.2430,
-13.5251

■ 119.7210, 3.0955,
-12.9103

■ 94.7210, 3.0955,
-12.9103

■ 71.0200, 2.9481,
-12.2955

■ 48.3190, 2.8007,

-11.6808

■ 27.3190, 2.8007,
-11.6808

■ 5.8360, 2.0529,
-5.1182

■ 227.1230, 3.3904,
-14.1399

■ 227.1230, 3.3904,
-14.1399

■ 220.2460, 6.7807,
-28.2797

■ 234.0000, 0.0000,
0.0000

■ 213.0700, 10.3185,
-43.0344

■ 240.2790, -3.0955,
12.9103

■ 206.1930, 13.7089,
-57.1743

■ 199.0170, 17.2466,
-71.9289

■ 192.1400, 20.6370,
-86.0688

■ 185.2630, 24.0273,
-100.2087

■ 178.0870, 27.5651,
-114.9633

■ 171.2100, 30.9555,
-129.1032

■ 164.0340, 34.4932,
-143.8578

Harmonies

Analogous

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



227.1080, -0.5462, -11.4957



227.1230, 3.3904, -14.1399



227.6330, 6.5899, -13.7101

Triad

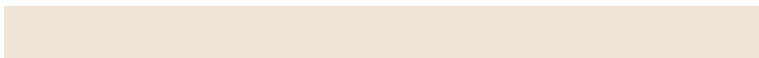
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.1230, 3.3904, -14.1399



230.7710, 4.0569, 5.4628



229.8070, -7.2999, 8.0623

Complementary

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



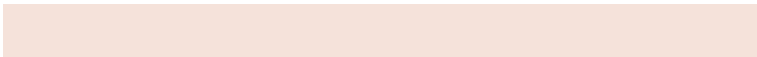
227.1230, 3.3904, -14.1399



217.8770, -3.3904, 14.1399

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.



230.7690, -6.2951, 12.4806



227.1230, 3.3904, -14.1399



231.5930, 0.6937, 10.8809

Square

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



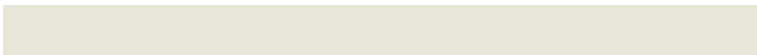
227.1230, 3.3904, -14.1399



229.8240, 6.9888, -1.5996



230.6920, -2.8062, 13.4251



228.5890, -6.6994, 2.1144

Rectangle

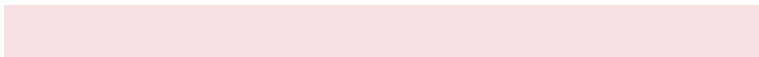
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



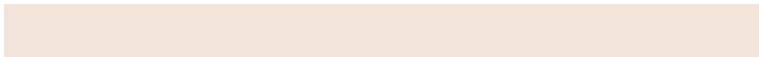
227.1230, 3.3904, -14.1399



228.4700, 7.1633, -10.9362



230.6920, -2.8062, 13.4251



229.8180, -7.3053, 9.8066

Sweetspot

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



227.1230, 3.3904, -14.1399



252.6080, 1.1793, -4.9182



224.5010, -6.6560, -11.8404



126.2060, 0.8844, -3.6887



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.



227.1230, 3.3904, -14.1399



245.7310, 4.5696, -19.0581



220.0790, 6.8631, -7.9623



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



220.4990, 6.6560, 11.8404



236.8030, 8.9711, 15.9588



224.3340, -6.5737, 8.4771



110.5430, 3.1833, 5.6628



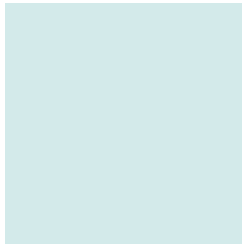
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 227.1230, 3.3904, -14.1399 looks on a white background.

Color Contrast Check

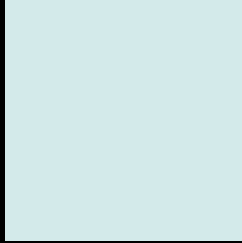
Large Text (above 18pt) WCAG AA × Fail

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 227.1230, 3.3904, -14.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

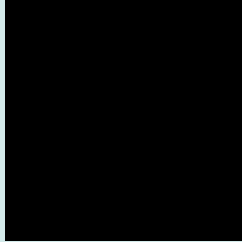
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

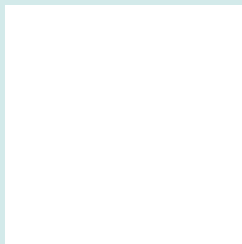
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.1230, 3.3904, -14.1399

Background



This preview shows how black text looks on a background with the YUV color 227.1230, 3.3904, -14.1399.



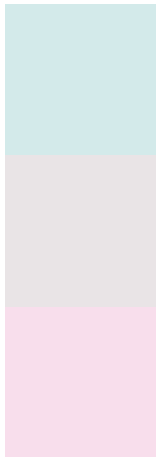
This preview shows how white text looks on a background with the YUV color 227.1230, 3.3904, -14.1399.

-14.1399.

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

227.1230, 3.3904, -14.1399

Protanopia

229.7230, 0.1366, 2.8739

Deuteranopia

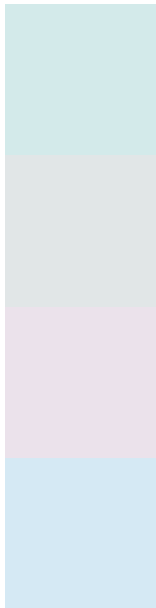
231.3700, 2.2826, 14.5845



Tritanopia

228.6700, 10.5157, -12.8656

Trichromacy



Original Color

227.1230, 3.3904, -14.1399

Protanomaly

228.6190, 1.1738, -3.1739

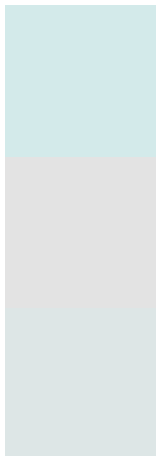
Deuteranomaly

229.7170, 2.6045, 4.6332

Tritanomaly

228.2740, 7.7529, -13.3953

Monochromacy



Original Color

227.1230, 3.3904, -14.1399

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.3090, 1.3267, -5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1230, 3.3904, -14.1399 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(211, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 234)  
}
```

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(211, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 234) }
```

Border

The CSS property to change the border of an element to YUV 227.1230, 3.3904, -14.1399 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(211, 234, 234) }
```


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

```
.border{ border-color:rgb(211, 234, 234) }
```

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

Here you see how a box with a 4 pixel rgb(211, 234, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 227.1230, 3.3904, -14.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 234) }
```

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

```
.background{ background-color: rgb(211,  
234, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor