

Converting Colors

YUV(224.6410, 14.4740,
-22.4872)

Have a look what the booklet for
YUV(224.6410, 14.4740, -22.4872)
contains.

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Color

**YUV(224.6410, 14.4740,
-22.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E8FE
RGB	199, 232, 254
RGB Percent	78%, 91%, 100%
CMY	0.2196, 0.0902, 0.0039
CMYK	0.22, 0.09, 0.00, 0.00
HSL	204°, 96%, 89%
HSV	204°, 22%, 100%
XYZ	70.2992, 77.0111, 104.9254
YIQ	224.6410, -26.7300, -0.1540

Conversions

Conversions Part 2

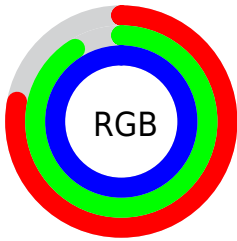
Format	Color
R_{YB}	199, 220, 254
Decimal	13101310
CIE Lab	90.33, -6.13, -14.22
CIE LCh	90, 15.489, 246.690
Yxy	77.0111, 0.2787, 0.3053
Android (android.graphics.Color)	4291291390 (0xFFC7E8FE)
YUV	224.6410, 14.4740, -22.4872
Hunter-Lab	87.7560, -10.5809, -9.4609

Details

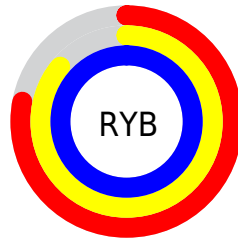
The YUV color **224.6410, 14.4740, -22.4872** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **228.3590, -14.4740, 22.4872**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **168.8260, 13.8898, -21.7724** is the 20% darker color. If you saturate the color by 10%, you get **211.2960, 21.0531, -32.7086**, and if you desaturate by 10%, it is **237.9860, 7.8949, -12.2657**.

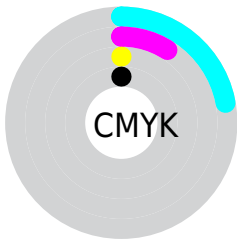
Distribution



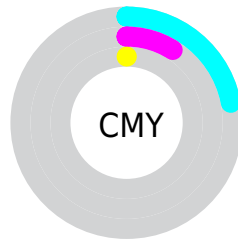
- Red (78%)
- Green (91%)
- Blue (100%)



- Red (78%)
- Yellow (86%)
- Blue (100%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.6410, 14.4740, -22.4872 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 224.6410, 14.4740, -22.4872 by changing the saturation by 10% instead.

■ 224.6410, 14.4740,
-22.4872

■ 224.6410, 14.4740,
-22.4872

255.0000, 0.0000,
0.0000

■ 196.5270, 14.0372,
-22.3872

■ 168.8260, 13.8898,
-21.7724

■ 142.7120, 13.4530,
-21.6724

■ 116.7120, 13.4530,
-21.6724

■ 91.5980, 13.0162,
-21.5724

■ 67.4840, 12.5794,
-21.4725

■ 44.4730, 12.5848,

-23.2168

■ 23.5550, 11.5584,
-20.6577

■ 5.4260, 10.6360,
-4.7586

■ 224.6410, 14.4740,
-22.4872

■ 224.6410, 14.4740,
-22.4872

■ 211.2960, 21.0531,
-32.7086

■ 237.9860, 7.8949,
-12.2657

■ 197.6520, 27.7796,
-43.5448

■ 251.6300, 1.1684,
-1.4295

■ 184.3070, 34.3586,
-53.7662

■ 254.8860, -0.4368,
0.1000

■ 170.0760, 41.3745,
-64.0877

■ 156.7310, 47.9536,
-74.3091

■ 143.3860, 54.5327,
-84.5305

■ 129.7420, 61.2592,
-95.3667

■ 118.1800, 66.9593,
-103.6439

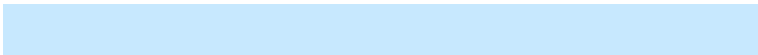
Harmonies

Analogous

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



222.5710, 10.5645, -28.5648



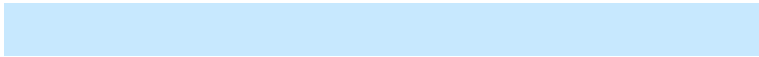
224.6410, 14.4740, -22.4872



226.9030, 13.8518, -9.5619

Triad

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



224.6410, 14.4740, -22.4872



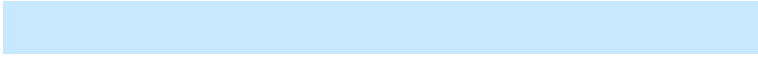
229.1600, -2.5439, 22.6617



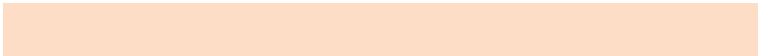
224.8070, -10.7509, -5.0927

Complementary

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



224.6410, 14.4740, -22.4872



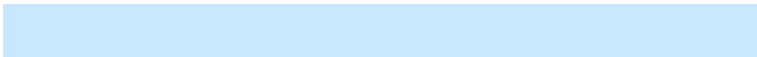
228.3590, -14.4740, 22.4872

Split Complementary

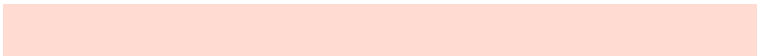
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.3850, -13.9938, 8.4324



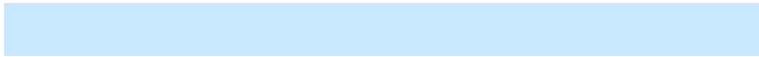
224.6410, 14.4740, -22.4872



228.7380, -9.2378, 23.0318

Square

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



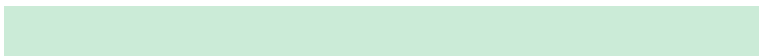
224.6410, 14.4740, -22.4872



230.5490, 4.1663, 17.0585



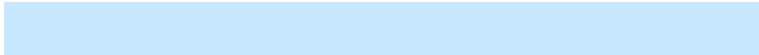
227.9780, -13.3002, 19.3133



223.1520, -4.0189, -17.6733

Rectangle

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



224.6410, 14.4740, -22.4872



228.6160, 12.5143, -0.5402



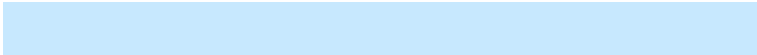
227.9780, -13.3002, 19.3133



225.1990, -11.9301, -0.1745

Sweetspot

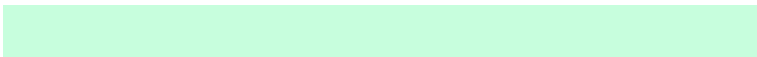
The Sweet Spot groups the original color and five complimentary colors.



224.6410, 14.4740, -22.4872



246.9930, 3.9475, -6.1329



233.7930, -6.3069, -30.5135



122.9610, 2.4842, -3.4738



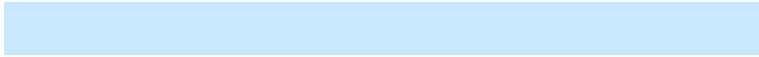
0.0000, 0.0000, 0.0000



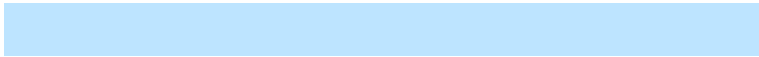
128.0000, 0.0000, 0.0000

Same Dimension

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



224.6410, 14.4740, -22.4872



219.4170, 17.5424, -26.6757



208.2050, 22.5769, -8.0728



120.5910, 3.6526, -4.9033



89.2790, 50.1485, -78.2977



29.6020, 16.9582, -25.9610

Inverse Universe

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



219.2070, 6.3069, 30.5135



213.1800, 7.3063, 36.6761



244.7950, -22.5769, 8.0728



119.6850, 1.1413, 7.2923



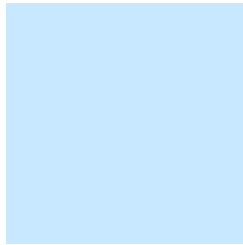
70.2190, 22.0770, 105.9249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 224.6410, 14.4740, -22.4872 looks on a white background.

Color Contrast Check

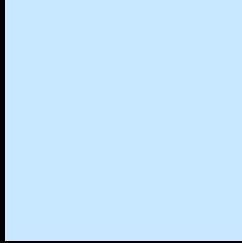
Large Text (above 18pt) WCAG AA × Fail

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 224.6410, 14.4740, -22.4872 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

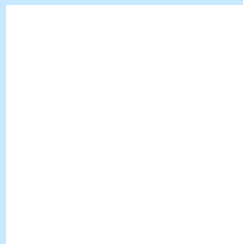
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.6410, 14.4740, -22.4872

Background



This preview shows how black text looks on a background with the YUV color 224.6410, 14.4740, -22.4872.



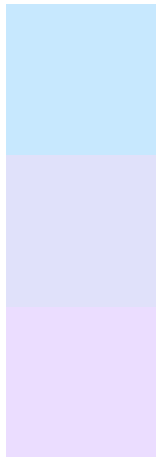
This preview shows how white text looks on a background with the YUV color 224.6410, 14.4740, -22.4872.

-22.4872.

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

224.6410, 14.4740, -22.4872

Protanopia

227.5510, 11.0674, -3.1142

Deuteranopia

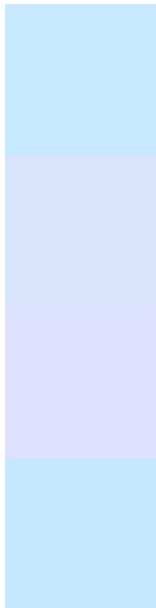
229.0620, 12.7874, 5.2076



Tritanopia

224.0000, 13.3110, -22.8020

Trichromacy



Original Color

224.6410, 14.4740, -22.4872

Protanomaly

226.7350, 11.9626, -10.2916

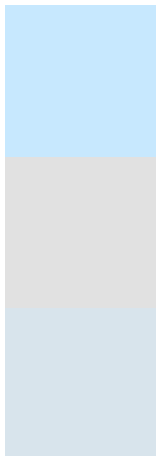
Deuteranomaly

227.5230, 13.5462, -4.8437

Tritanomaly

224.1140, 13.7478, -22.9020

Monochromacy



Original Color

224.6410, 14.4740, -22.4872

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.6410, 14.4740, -22.4872 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(199, 232, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 232, 254)  
}
```

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(199, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 232, 254) }
```

Border

The CSS property to change the border of an element to YUV 224.6410, 14.4740, -22.4872 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(199, 232, 254) }
```


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

```
.border{ border-color:rgb(199, 232, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 232, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 232,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 224.6410, 14.4740, -22.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 232, 254) }
```

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

```
.background{ background-color: rgb(199,  
232, 254) }
```

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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