

Converting Colors

YUV(206.5270, 14.0372,
-22.3872)

Have a look what the booklet for
YUV(206.5270, 14.0372, -22.3872)
contains.

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Color

**YUV(206.5270, 14.0372,
-22.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D6EB
RGB	181, 214, 235
RGB Percent	71%, 84%, 92%
CMY	0.2902, 0.1608, 0.0784
CMYK	0.23, 0.09, 0.00, 0.08
HSL	203°, 57%, 82%
HSV	203°, 23%, 92%
XYZ	58.0980, 63.9151, 87.8720
YIQ	206.5270, -26.4090, -0.4650

Conversions

Conversions Part 2

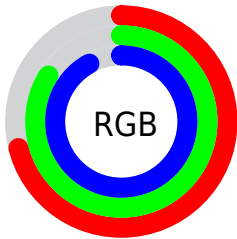
Format	Color
RYB	181, 201, 235
Decimal	11917035
CIELab	83.92, -6.36, -13.93
CIELCh	84, 15.311, 245.459
Yxy	63.9151, 0.2768, 0.3045
Android (android.graphics.Color)	4290107115 (0xFFB5D6EB)
YUV	206.5270, 14.0372, -22.3872
Hunter-Lab	79.9469, -10.1897, -9.2046

Details

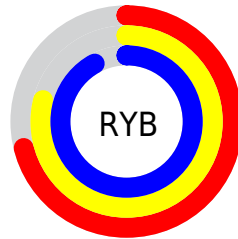
The YUV color $206.5270, 14.0372, -22.3872$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $209.4730, -14.0372, 22.3872$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $151.7120, 13.4530, -21.6724$ is the 20% darker color. If you saturate the color by 10%, you get $194.3670, 20.0321, -31.8939$, and if you desaturate by 10%, it is $218.9860, 7.8949, -12.2657$.

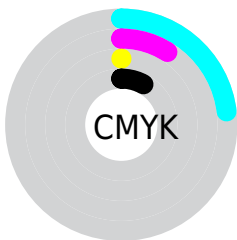
Distribution



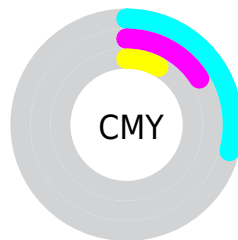
- Red (71%)
- Green (84%)
- Blue (92%)



- Red (71%)
- Yellow (79%)
- Blue (92%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.5270, 14.0372, -22.3872 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 206.5270, 14.0372, -22.3872 by changing the saturation by 10% instead.

■ 206.5270, 14.0372,
-22.3872

■ 206.5270, 14.0372,
-22.3872

255.0000, 0.0000,
0.0000

■ 178.8260, 13.8898,
-21.7724

■ 249.9170, 2.5059,
-10.4512

■ 151.7120, 13.4530,
-21.6724

■ 125.5980, 13.0162,
-21.5724

■ 100.5980, 13.0162,
-21.5724

■ 76.3700, 12.1426,
-21.3725

■ 52.6580, 12.0006,
-22.5021

■ 29.1630, 12.7376,

-25.5760

■ 14.9150, 8.9159,
-13.0805

■ 0.9120, 3.4944,
-0.7998

■ 206.5270, 14.0372,
-22.3872

■ 206.5270, 14.0372,
-22.3872

■ 194.3670, 20.0321,
-31.8939

■ 218.9860, 7.8949,
-12.2657

■ 181.9080, 26.1744,
-42.0153

■ 231.1460, 1.9000,
-2.7590

■ 169.7480, 32.1692,
-51.5220

■ 243.6050, -4.2423,
7.3624

■ 156.7020, 38.6009,
-61.1287

■ 250.3720, -7.5784,
4.0588

■ 144.5420, 44.5958,
-70.6353

■ 252.7200, -8.7360,
1.9996

■ 132.0830, 50.7381,
-80.7568

■ 119.9230, 56.7330,
-90.2635

■ 111.3180, 60.9752,
-97.6259

Harmonies

Analogous

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



204.7560, 9.9803, -27.8500



206.5270, 14.0372, -22.3872



209.3050, 14.1466, -10.7915

Triad

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



206.5270, 14.0372, -22.3872



211.8720, -2.4019, 23.7913



207.2200, -10.4615, -4.5779

Complementary

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



206.5270, 14.0372, -22.3872



209.4730, -14.0372, 22.3872

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.



208.4990, -13.5570, 8.3324



206.5270, 14.0372, -22.3872



211.4500, -9.0958, 24.1614

Square

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



206.5270, 14.0372, -22.3872



212.3640, 4.7505, 16.3438



209.9780, -13.3002, 19.3133



205.4510, -4.1663, -17.0585

Rectangle

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



206.5270, 14.0372, -22.3872



210.2030, 12.2249, -1.0550



209.9780, -13.3002, 19.3133



207.1990, -11.9301, -0.1745

Sweetspot

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



206.5270, 14.0372, -22.3872



245.5090, 4.6791, -7.4624



215.0920, -6.4544, -29.8987



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



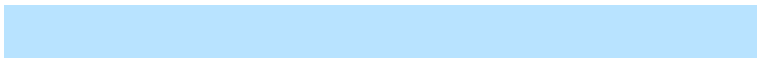
128.0000, 0.0000, 0.0000

Same Dimension

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



206.5270, 14.0372, -22.3872



217.3350, 18.5688, -29.2348



190.6780, 21.8507, -8.4876



111.3630, 2.7790, -4.7034



85.7910, 46.9380, -75.2387



25.5270, 14.0372, -22.3872

Inverse Universe

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



200.9080, 6.4544, 29.8987



210.1310, 8.3164, 39.3501



225.3220, -21.8507, 8.4876



110.0870, 1.4361, 6.0627



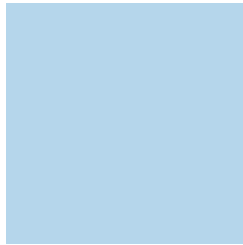
66.7730, 21.8039, 100.1771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 206.5270, 14.0372, -22.3872 looks on a white background.

Color Contrast Check

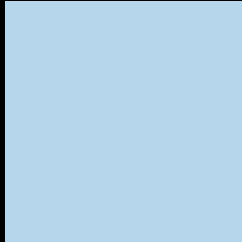
Large Text (above 18pt) WCAG AA × Fail

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 206.5270, 14.0372, -22.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

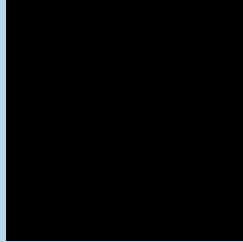
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

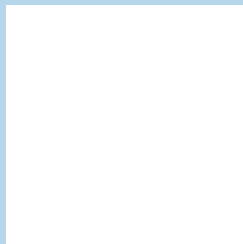
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.5270, 14.0372, -22.3872

Background



This preview shows how black text looks on a background with the YUV color 206.5270, 14.0372, -22.3872.



This preview shows how white text looks on a background with the YUV color 206.5270, 14.0372, -22.3872.

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

206.5270, 14.0372, -22.3872

Protanopia

209.4370, 10.6306, -3.0142

Deuteranopia

210.7630, 12.9348, 4.5928



Tritanopia

206.4730, 12.5848, -23.2168

Trichromacy



Original Color

206.5270, 14.0372, -22.3872

Protanomaly

208.6210, 11.5258, -10.1916

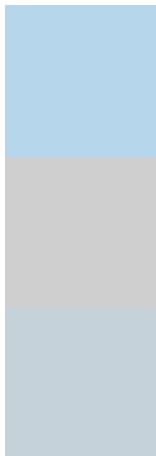
Deuteranomaly

209.1100, 13.2568, -5.3585

Tritanomaly

206.5870, 13.0216, -23.3168

Monochromacy



Original Color

206.5270, 14.0372, -22.3872

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5270, 14.0372, -22.3872 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(181, 214, 235)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 235)  
}
```

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(181, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 235) }
```

Border

The CSS property to change the border of an element to YUV 206.5270, 14.0372, -22.3872 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(181, 214, 235) }
```


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

```
.border{ border-color:rgb(181, 214, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 206.5270, 14.0372, -22.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 235) }
```

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

```
.background{ background-color: rgb(181,  
214, 235) }
```

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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