

Converting Colors

YUV(222.4620, 16.0412,
-11.8062)

Have a look what the booklet for
YUV(222.4620, 16.0412, -11.8062)
contains.

YUV(222.4620, 16.0412, -11.8062)	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(222.4620, 16.0412,
-11.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DFFF
RGB	209, 223, 255
RGB Percent	82%, 87%, 100%
CMY	0.1804, 0.1255, 0.0000
CMYK	0.18, 0.13, 0.00, 0.00
HSL	222°, 100%, 91%
HSV	222°, 18%, 100%
XYZ	70.7322, 73.5507, 105.0765
YIQ	222.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

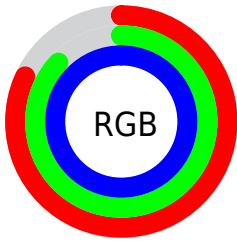
Format	Color
R _Y B	209, 220, 255
Decimal	13754367
CIE Lab	88.71, 1.77, -17.11
CIE LCh	89, 17.199, 275.898
Yxy	73.5507, 0.2837, 0.2950
Android (android.graphics.Color)	4291944447 (0xFFD1DFFF)
YUV	222.4620, 16.0412, -11.8062
Hunter-Lab	85.7617, -2.8646, -12.6098

Details

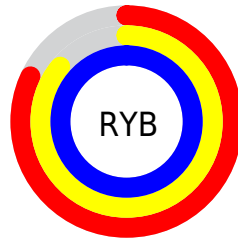
The YUV color $222.4620, 16.0412, -11.8062$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.5380, -16.0412, 11.8062$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.2340, 15.1676, -11.6062$ is the 20% darker color. If you saturate the color by 10%, you get $204.1220, 25.0829, -18.5240$, and if you desaturate by 10%, it is $240.8020, 6.9996, -5.0884$.

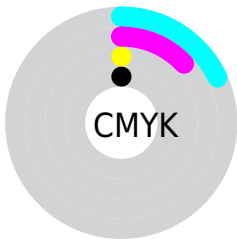
Distribution



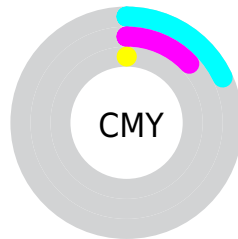
- Red (82%)
- Green (87%)
- Blue (100%)



- Red (82%)
- Yellow (86%)
- Blue (100%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4620, 16.0412, -11.8062 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 222.4620, 16.0412, -11.8062 by changing the saturation by 10% instead.

■ 222.4620, 16.0412,
-11.8062

■ 222.4620, 16.0412,
-11.8062

255.0000, 0.0000,
0.0000

■ 194.3480, 15.6044,
-11.7062

■ 167.2340, 15.1676,
-11.6062

■ 141.1200, 14.7308,
-11.5062

■ 115.0060, 14.2940,
-11.4063

■ 90.3050, 14.1466,
-10.7915

■ 66.7780, 13.4204,
-11.2063

■ 44.2510, 12.6943,

-11.6211

■ 21.9410, 12.8471,
-13.9803

■ 3.6650, 11.5042,
-3.2142

■ 222.4620, 16.0412,
-11.8062

■ 222.4620, 16.0412,
-11.8062

■ 204.1220, 25.0829,
-18.5240

■ 240.8020, 6.9996,
-5.0884

■ 186.6680, 33.6877,
-25.1418

255.0000, 0.0000,
0.0000

■ 168.3280, 42.7293,
-31.8597

■ 150.2870, 51.6235,
-37.9627

■ 132.2460, 60.5177,
-44.0657

■ 114.4930, 69.2700,
-51.2984

■ 96.1530, 78.3116,
-58.0162

■ 78.1120, 87.2058,
-64.1192

■ 74.8560, 88.8110,
-65.6487

Harmonies

Analogous

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



219.3740, 16.0846, -25.7610



222.4620, 16.0412, -11.8062



224.5350, 12.0612, 4.7928

Triad

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



222.4620, 16.0412, -11.8062



224.5320, -10.1223, 26.7204



218.0270, -4.4503, -19.3177

Complementary

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



222.4620, 16.0412, -11.8062



241.5380, -16.0412, 11.8062

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.



220.1660, -11.9138, -5.4076



222.4620, 16.0412, -11.8062



223.5330, -15.0528, 21.4576

Square

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



222.4620, 16.0412, -11.8062



225.1820, -2.5547, 26.1504



222.2280, -15.8884, 9.4470



216.5510, 4.1654, -29.4242

Rectangle

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



222.4620, 16.0412, -11.8062



225.4500, 7.6662, 14.5144



222.2280, -15.8884, 9.4470



218.6640, -7.2294, -14.6143

Sweetspot

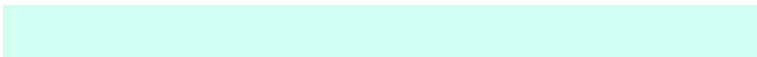
The Sweet Spot groups the original color and five complimentary colors.



222.4620, 16.0412, -11.8062



245.8300, 4.5208, -3.3589



239.5360, 0.2288, -26.7801



122.0860, 2.9156, -1.8294



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.



222.4620, 16.0412, -11.8062



215.3630, 19.5410, -14.3504



216.6360, 18.9135, 0.3192



118.8300, 4.5208, -3.3589



55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Inverse Universe

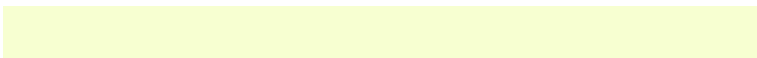
The Inverse Universe completely reimagines the original color for something new.



224.3500, -0.6655, 26.8801



217.6820, -0.8292, 32.7279



247.3640, -18.9135, -0.3192



119.3430, -0.1691, 7.5922



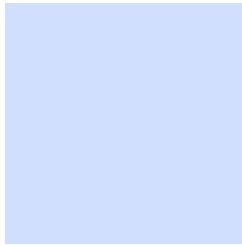
63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 222.4620, 16.0412, -11.8062 looks on a white background.

Color Contrast Check

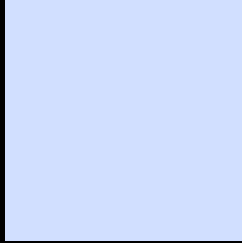
Large Text (above 18pt) WCAG AA × Fail

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 222.4620, 16.0412, -11.8062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

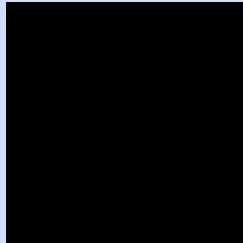
Any Text WCAG AA ✓ Pass

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 222.4620, 16.0412, -11.8062 Background



This preview shows how black text looks on a background with the YUV color 222.4620, 16.0412, -11.8062.



This preview shows how white text looks on a background with the YUV color 222.4620, 16.0412, -11.8062.

-11.8062.

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

222.4620, 16.0412, -11.8062

Protanopia

223.5660, 15.0040, -5.7584

Deuteranopia

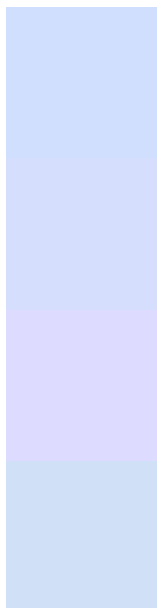
224.6210, 14.9768, 2.9634



Tritanopia

221.6700, 10.5157, -12.8656

Trichromacy



Original Color

222.4620, 16.0412, -11.8062

Protanomaly

223.2560, 15.1568, -8.1175

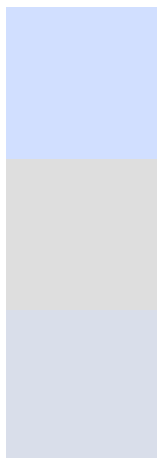
Deuteranomaly

223.7020, 15.4299, -2.3697

Tritanomaly

221.8380, 12.4049, -12.1359

Monochromacy



Original Color

222.4620, 16.0412, -11.8062

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4620, 16.0412, -11.8062 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(209, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 255)  
}
```

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(209, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 255) }
```

Border

The CSS property to change the border of an element to YUV 222.4620, 16.0412, -11.8062 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(209, 223, 255) }
```


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

```
.border{ border-color:rgb(209, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 222.4620, 16.0412, -11.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 255) }
```

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

```
.background{ background-color: rgb(209,  
223, 255) }
```

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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