

Converting Colors

YUV(204.1450, 23.5925,
-7.1432)

Have a look what the booklet for
YUV(204.1450, 23.5925, -7.1432)
contains.

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Color

**YUV(204.1450, 23.5925,
-7.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7FC
RGB	196, 199, 252
RGB Percent	77%, 78%, 99%
CMY	0.2314, 0.2196, 0.0118
CMYK	0.22, 0.21, 0.00, 0.01
HSL	237°, 90%, 88%
HSV	237°, 22%, 99%
XYZ	60.7591, 59.6109, 100.3992
YIQ	204.1450, -18.8010, 15.8470

Conversions

Conversions Part 2

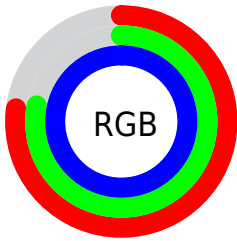
Format	Color
RYB	196, 199, 252
Decimal	12896252
CIELab	81.63, 9.92, -26.34
CIELCh	82, 28.148, 290.628
Yxy	59.6109, 0.2752, 0.2700
Android (android.graphics.Color)	4291086332 (0xFFC4C7FC)
YUV	204.1450, 23.5925, -7.1432
Hunter-Lab	77.2081, 5.3568, -23.0533

Details

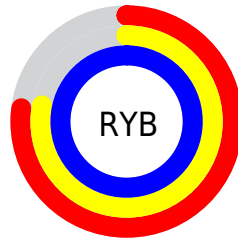
The YUV color $204.1450, 23.5925, -7.1432$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.8550, -23.5925, 7.1432$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $149.5040, 22.4295, -7.4580$ is the 20% darker color. If you saturate the color by 10%, you get $182.5820, 34.2231, -10.1574$, and if you desaturate by 10%, it is $225.7080, 12.9620, -4.1289$.

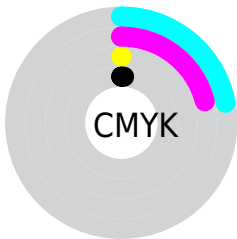
Distribution



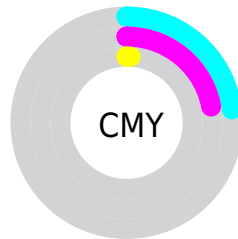
- Red (77%)
- Green (78%)
- Blue (99%)



- Red (77%)
- Yellow (78%)
- Blue (99%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1450, 23.5925, -7.1432 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 204.1450, 23.5925, -7.1432 by changing the saturation by 10% instead.

■ 204.1450, 23.5925,
-7.1432

■ 204.1450, 23.5925,
-7.1432

255.0000, 0.0000,
0.0000

■ 176.6180, 22.8663,
-7.5580

254.4020, 0.2948,
-1.2296

■ 149.5040, 22.4295,
-7.4580

■ 123.9770, 21.7033,
-7.8728

■ 98.7490, 20.8297,
-7.6729

■ 74.3360, 20.5404,
-8.1877

■ 51.0970, 19.6722,
-9.7321

■ 28.5590, 18.9514,

-11.8912

■ 5.7170, 19.3665,
-5.0138

■ 3.2090, 9.7570,
-2.8143

■ 204.1450, 23.5925,
-7.1432

■ 204.1450, 23.5925,
-7.1432

■ 182.5820, 34.2231,
-10.1574

■ 225.7080, 12.9620,
-4.1289

■ 161.0190, 44.8536,
-13.1717

■ 247.2710, 2.3314,
-1.1147

■ 139.1570, 55.6316,
-16.8007

■ 254.6580, -1.3104,
0.2999

■ 118.1810, 65.9728,
-20.3297

■ 96.6180, 76.6033,
-23.3440

■ 75.0550, 87.2339,
-26.3582

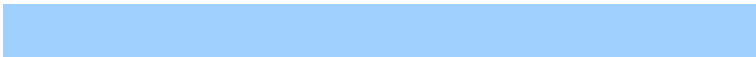
■ 53.4920, 97.8644,
-29.3725

■ 36.3590, 106.3110,
-31.8868

Harmonies

Analogous

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



198.5930, 27.3157, -34.7231



204.1450, 23.5925, -7.1432



207.0190, 14.7806, 19.2773

Triad

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



204.1450, 23.5925, -7.1432



204.5630, -20.4906, 38.9712



192.7360, 0.1302, -41.8645

Complementary

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



204.1450, 23.5925, -7.1432



243.8550, -23.5925, 7.1432

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.



196.6110, -13.6122, -20.7068



204.1450, 23.5925, -7.1432



202.2100, -25.2465, 24.3718

Square

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



204.1450, 23.5925, -7.1432



205.3430, -10.0291, 43.5492



199.6480, -22.9975, 2.9397



191.0190, 14.2876, -56.1447

Rectangle

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



204.1450, 23.5925, -7.1432



207.6310, 6.5909, 32.7726



199.6480, -22.9975, 2.9397



193.9280, -4.4015, -35.0169

Sweetspot

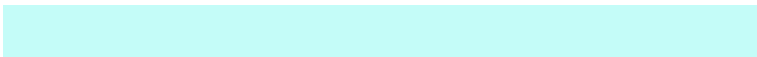
The Sweet Spot groups the original color and five complimentary colors.



204.1450, 23.5925, -7.1432



239.6390, 7.5730, -2.3144



234.8000, 6.5076, -34.0276



118.8410, 4.5154, -1.6146



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.



204.1450, 23.5925, -7.1432



196.2140, 28.9815, -8.9577



209.5600, 20.9229, 9.1559



114.0690, 5.3890, -1.8145



27.4160, 79.6609, -24.0438



8.7150, 25.7765, -7.6431

Inverse Universe

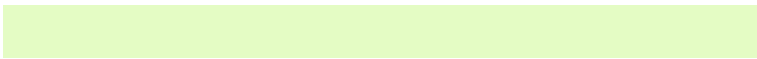
The Inverse Universe completely reimagines the original color for something new.



213.0860, -6.9444, 34.1276



207.0870, -8.4239, 42.0197



238.4400, -20.9229, -9.1559



116.0010, -1.4795, 7.8921



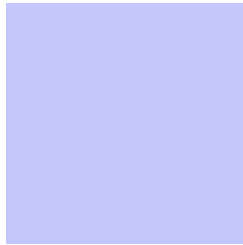
57.6510, -23.4919, 115.1931



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 204.1450, 23.5925, -7.1432 looks on a white background.

Color Contrast Check

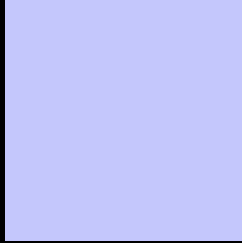
Large Text (above 18pt) WCAG AA × Fail

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 204.1450, 23.5925, -7.1432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

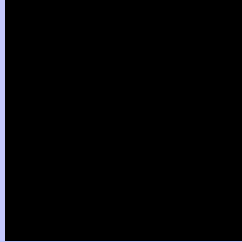
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.1450, 23.5925, -7.1432

Background



This preview shows how black text looks on a background with the YUV color 204.1450, 23.5925, -7.1432.



This preview shows how white text looks on a background with the YUV color 204.1450, 23.5925, -7.1432.

-7.1432.

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

204.1450, 23.5925, -7.1432

Protanopia

203.6390, 24.3350, -11.9614

Deuteranopia

204.4440, 23.4451, -6.5284



Tritanopia

202.3390, 9.1999, -10.8213

Trichromacy



Original Color

204.1450, 23.5925, -7.1432

Protanomaly

203.6500, 24.3295, -10.2171

Deuteranomaly

204.4440, 23.4451, -6.5284

Tritanomaly

203.0170, 14.2886, -9.6619

Monochromacy



Original Color

204.1450, 23.5925, -7.1432

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1450, 23.5925, -7.1432 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, 199, 252)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 252)  
}
```

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, 199, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 252) }
```

Border

The CSS property to change the border of an element to YUV 204.1450, 23.5925, -7.1432 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, 199, 252) }
```


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

```
.border{ border-color:rgb(196, 199, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 252);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 204.1450, 23.5925, -7.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 252) }
```

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

```
.background{ background-color: rgb(196,  
199, 252) }
```

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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