

Converting Colors

YUV(201.9230, 23.7020, 4.4525)

Have a look what the booklet for
YUV(201.9230, 23.7020, 4.4525)
contains.

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Color

**YUV(201.9230, 23.7020,
4.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBEFA
RGB	207, 190, 250
RGB Percent	81%, 75%, 98%
CMY	0.1882, 0.2549, 0.0196
CMYK	0.17, 0.24, 0.00, 0.02
HSL	257°, 86%, 86%
HSV	257°, 24%, 98%
XYZ	61.4009, 56.9944, 98.2073
YIQ	201.9230, -9.1280, 22.2640

Conversions

Conversions Part 2

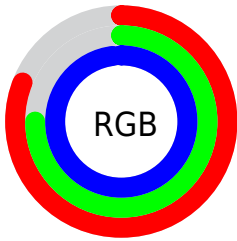
Format	Color
R_{YB}	207, 190, 250
Decimal	13614842
CIE _{Lab}	80.18, 17.68, -27.42
CIE _{LCh}	80, 32.621, 302.812
Yxy	56.9944, 0.2835, 0.2631
Android (android.graphics.Color)	4291804922 (0xFFCFBEFA)
YUV	201.9230, 23.7020, 4.4525
Hunter-Lab	75.4947, 13.0610, -24.2812

Details

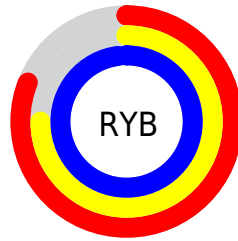
The YUV color **201.9230, 23.7020, 4.4525** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.0770, -23.7020, -4.4525**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7170, 2.6045, 4.6332**, and **147.8690, 22.2496, 3.6229** is the 20% darker color. If you saturate the color by 10%, you get **181.8660, 33.5901, 6.2565**, and if you desaturate by 10%, it is **221.9800, 13.8139, 2.6485**.

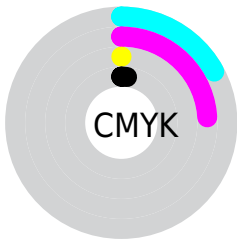
Distribution



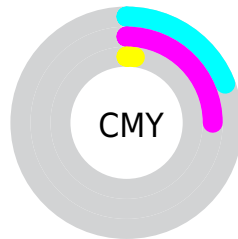
- Red (81%)
- Green (75%)
- Blue (98%)



- Red (81%)
- Yellow (75%)
- Blue (98%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9230, 23.7020, 4.4525 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 201.9230, 23.7020, 4.4525 by changing the saturation by 10% instead.

201.9230, 23.7020,
4.4525

201.9230, 23.7020,
4.4525

255.0000, 0.0000,
0.0000

174.3960, 22.9758,
4.0377

249.7170, 2.6045,
4.6332

147.8690, 22.2496,
3.6229

121.7550, 21.8128,
3.7229

96.9290, 21.2340,
2.6933

72.4020, 20.5078,
2.2784

49.4620, 19.4922,
1.3488

27.8100, 18.3347,

-0.7104

■ 7.5930, 17.4557,
1.2339

■ 2.9810, 8.8834,
-2.6143

■ 201.9230, 23.7020,
4.4525

■ 201.9230, 23.7020,
4.4525

■ 181.8660, 33.5901,
6.2565

■ 221.9800, 13.8139,
2.6485

■ 161.8090, 43.4782,
8.0605

■ 242.0370, 3.9258,
0.8446

■ 141.7520, 53.3663,
9.8645

■ 254.4300, -2.1840,
0.4999

■ 121.6950, 63.2544,
11.6685

■ 101.6380, 73.1425,
13.4725

■ 81.5810, 83.0306,
15.2765

■ 61.8230, 92.7713,
17.6952

■ 49.7290, 98.7336,
18.6547

Harmonies

Analogous

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



196.0930, 29.0412, -28.1456



201.9230, 23.7020, 4.4525



203.8850, 11.3957, 31.6729

Triad

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



201.9230, 23.7020, 4.4525



199.9560, -26.6003, 38.6266



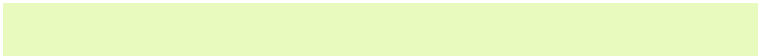
184.6890, 8.0413, -59.3633

Complementary

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



201.9230, 23.7020, 4.4525



238.0770, -23.7020, -4.4525

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.



188.9620, -9.3483, -35.0467



201.9230, 23.7020, 4.4525



197.1400, -29.1560, 18.2942

Square

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



201.9230, 23.7020, 4.4525



200.3560, -16.4445, 47.9228



193.5820, -22.9649, -7.5264



183.3360, 23.4984, -70.4547

Rectangle

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



201.9230, 23.7020, 4.4525



203.4430, 1.7536, 44.3385



193.5820, -22.9649, -7.5264



185.8380, 2.0519, -51.6009

Sweetspot

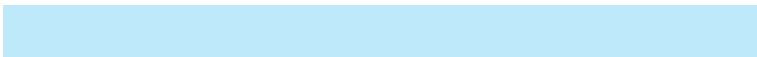
The Sweet Spot groups the original color and five complimentary colors.



201.9230, 23.7020, 4.4525



240.5470, 7.1253, 1.2743



222.0810, 13.7641, -28.1350



119.1510, 4.3626, 0.7446



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.



201.9230, 23.7020, 4.4525



195.7150, 29.2275, 5.5119



210.8930, 19.2798, 22.8958



114.6780, 5.0887, 1.1594



37.3930, 74.7423, 13.6873



12.0370, 24.1388, 4.3526

Inverse Universe

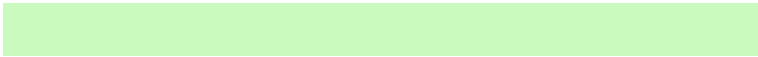
The Inverse Universe completely reimagines the original color for something new.



212.8420, 9.9379, 32.5876



209.1680, 12.2422, 40.1947



229.1070, -19.2798, -22.8958



116.9130, 2.0149, 7.0923



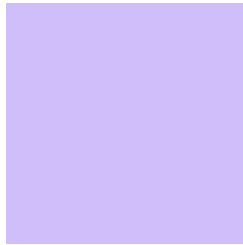
71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 201.9230, 23.7020, 4.4525 looks on a white background.

Color Contrast Check

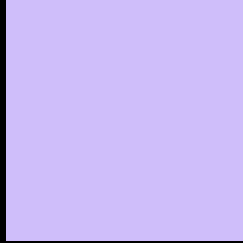
Large Text (above 18pt) WCAG AA × Fail

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 201.9230, 23.7020, 4.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

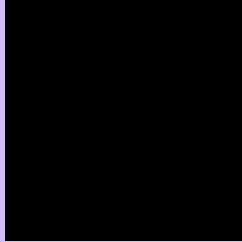
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.9230, 23.7020, 4.4525

Background



This preview shows how black text looks on a background with the YUV color 201.9230, 23.7020, 4.4525.



This preview shows how white text looks on a background with the YUV color 201.9230, 23.7020,

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

201.9230, 23.7020, 4.4525

Protanopia

199.7250, 27.2506, -13.7908

Deuteranopia

200.2590, 24.0293, -7.2431



Tritanopia

199.6070, 6.1097, 0.3447

Trichromacy



Original Color

201.9230, 23.7020, 4.4525

Protanomaly

200.1280, 26.0659, -7.1283

Deuteranomaly

200.5800, 23.8711, -3.1397

Tritanomaly

200.3390, 12.6509, 2.3337

Monochromacy



Original Color

201.9230, 23.7020, 4.4525

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1880, 8.2883, 1.5891

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9230, 23.7020, 4.4525 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(207, 190, 250)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 250)  
}
```

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(207, 190, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 250) }
```

Border

The CSS property to change the border of an element to YUV 201.9230, 23.7020, 4.4525 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(207, 190, 250) }
```


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

```
.border{ border-color:rgb(207, 190, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 250);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 201.9230, 23.7020, 4.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 250) }
```

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

```
.background{ background-color: rgb(207,  
190, 250) }
```

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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