

Converting Colors

YUV(200.4420, 13.0931, 0.4894)

Have a look what the booklet for
YUV(200.4420, 13.0931, 0.4894)
contains.

YUV(200.4420, 13.0931, 0.4894)	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(200.4420, 13.0931,
0.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C3E3
RGB	201, 195, 227
RGB Percent	79%, 76%, 89%
CMY	0.2118, 0.2353, 0.1098
CMYK	0.11, 0.14, 0.00, 0.11
HSL	251°, 36%, 83%
HSV	251°, 14%, 89%
XYZ	57.4676, 56.9938, 80.6451
YIQ	200.4420, -6.6960, 11.2240

Conversions

Conversions Part 2

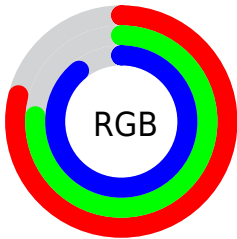
Format	Color
R _Y B	201, 195, 227
Decimal	13222883
CIE Lab	80.18, 8.24, -15.13
CIE LCh	80, 17.234, 298.581
Yxy	56.9938, 0.2945, 0.2921
Android (android.graphics.Color)	4291412963 (0xFFC9C3E3)
YUV	200.4420, 13.0931, 0.4894
Hunter-Lab	75.4942, 3.7627, -10.4893

Details

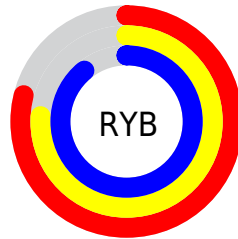
The YUV color $200.4420, 13.0931, 0.4894$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.5580, -13.0931, -0.4894$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8682, 1.5444$, and $146.3280, 12.6563, 0.5893$ is the 20% darker color. If you saturate the color by 10%, you get $181.5590, 22.4024, 1.2638$, and if you desaturate by 10%, it is $219.3250, 3.7838, -0.2850$.

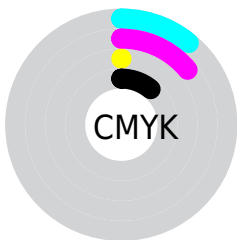
Distribution



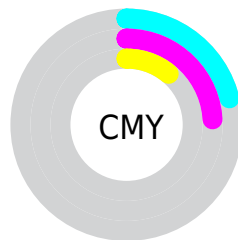
- Red (79%)
- Green (76%)
- Blue (89%)



- Red (79%)
- Yellow (76%)
- Blue (89%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4420, 13.0931, 0.4894 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 200.4420, 13.0931, 0.4894 by changing the saturation by 10% instead.

■ 200.4420, 13.0931,
0.4894

■ 200.4420, 13.0931,
0.4894

255.0000, 0.0000,
0.0000

■ 173.3280, 12.6563,
0.5893

■ 253.2390, 0.8682,
1.5444

■ 146.3280, 12.6563,
0.5893

■ 120.8010, 11.9301,
0.1745

■ 95.6870, 11.4933,
0.2745

■ 72.2740, 11.2039,
-0.2403

■ 49.7470, 10.4777,
-0.6551

■ 28.2200, 9.7515,

-1.0699

■ 4.6870, 11.4933,
0.2745

■ 0.0000, 0.0000,
0.0000

■ 200.4420, 13.0931,
0.4894

■ 200.4420, 13.0931,
0.4894

■ 181.5590, 22.4024,
1.2638

■ 219.3250, 3.7838,
-0.2850

■ 162.9640, 31.5697,
0.9086

■ 237.9200, -5.3836,
0.0702

■ 144.0810, 40.8791,
1.6830

■ 251.8080,
-12.2303, 2.7994

■ 124.8990, 50.3358,
1.8426

■ 106.6030, 59.3557,
2.1022

■ 87.4210, 68.8124,
2.2618

■ 68.5380, 78.1218,
3.0362

■ 49.3560, 87.5785,
3.1958

■ 38.7350, 92.8146,
3.7404

Harmonies

Analogous

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



197.5540, 16.4889, -15.3949



200.4420, 13.0931, 0.4894



201.6350, 7.0819, 15.2291

Triad

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



200.4420, 13.0931, 0.4894



199.8860, -13.7478, 22.9020



192.9920, 1.9759, -27.1800

Complementary

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



200.4420, 13.0931, 0.4894



221.5580, -13.0931, -0.4894

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.



194.5930, -6.2083, -15.4291



200.4420, 13.0931, 0.4894



198.3640, -15.4625, 12.8358

Square

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



200.4420, 13.0931, 0.4894



201.5860, -8.6699, 27.5501



196.8460, -13.2351, -1.6189



193.4350, 10.1385, -31.9535

Rectangle

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



200.4420, 13.0931, 0.4894



202.0120, 1.9661, 22.7915



196.8460, -13.2351, -1.6189



193.6180, -0.7977, -24.2210

Sweetspot

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



200.4420, 13.0931, 0.4894



246.7380, 4.0732, 0.2298



213.9100, 6.4534, -16.5841



122.0970, 2.9102, -0.0851



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.



200.4420, 13.0931, 0.4894



219.2940, 17.6031, 0.6192



205.2260, 10.7346, 10.3258



104.9660, 4.9468, 0.0298



30.2730, 73.3224, 2.3916



8.8040, 20.8026, 1.0489

Inverse Universe

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



207.5320, 6.6397, 17.0734



228.8470, 8.9494, 22.9362



216.7740, -10.7346, -10.3258



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 200.4420, 13.0931, 0.4894 looks on a white background.

Color Contrast Check

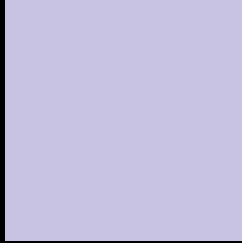
Large Text (above 18pt) WCAG AA × Fail

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 200.4420, 13.0931, 0.4894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

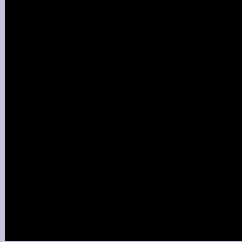
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.4420, 13.0931, 0.4894

Background



This preview shows how black text looks on a background with the YUV color 200.4420, 13.0931, 0.4894.



This preview shows how white text looks on a background with the YUV color 200.4420, 13.0931,

0.4894.

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

200.4420, 13.0931, 0.4894

Protanopia

199.3380, 14.1304, -5.5584

Deuteranopia

201.0510, 12.7929, 3.4633



Tritanopia

199.4220, 6.6940, -0.3701

Trichromacy



Original Color

200.4420, 13.0931, 0.4894

Protanomaly

199.6480, 13.9775, -3.1993

Deuteranomaly

200.7520, 12.9403, 2.8485

Tritanomaly

199.7040, 9.0199, 0.2596

Monochromacy



Original Color

200.4420, 13.0931, 0.4894

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4420, 13.0931, 0.4894 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(201, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 227)  
}
```

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(201, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 227) }
```

Border

The CSS property to change the border of an element to YUV 200.4420, 13.0931, 0.4894 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(201, 195, 227) }
```


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

```
.border{ border-color:rgb(201, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 200.4420, 13.0931, 0.4894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 227) }
```

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

```
.background{ background-color: rgb(201,  
195, 227) }
```

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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