

Converting Colors

YUV(108.4420, 13.0931, 0.4894)

Have a look what the booklet for
YUV(108.4420, 13.0931, 0.4894)
contains.

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Color

**YUV(108.4420, 13.0931,
0.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6787
RGB	109, 103, 135
RGB Percent	43%, 40%, 53%
CMY	0.5725, 0.5961, 0.4706
CMYK	0.19, 0.24, 0.00, 0.47
HSL	251°, 13%, 47%
HSV	251°, 24%, 53%
XYZ	15.5301, 14.7010, 24.9407
YIQ	108.4420, -6.6960, 11.2240

Conversions

Conversions Part 2

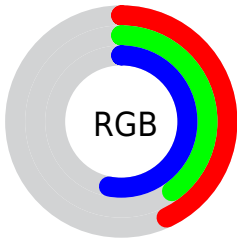
Format	Color
RYB	109, 103, 135
Decimal	7169927
CIELab	45.22, 9.46, -16.82
CIELCh	45, 19.295, 299.360
Yxy	14.7010, 0.2815, 0.2665
Android (android.graphics.Color)	4285360007 (0xFF6D6787)
YUV	108.4420, 13.0931, 0.4894
Hunter-Lab	38.3419, 5.2019, -11.7278

Details

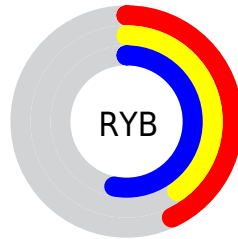
The YUV color **108.4420, 13.0931, 0.4894** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.5580, -13.0931, -0.4894**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9690, 13.8193, 0.9042**, and **60.8010, 11.9301, 0.1745** is the 20% darker color. If you saturate the color by 10%, you get **97.5220, 18.4767, 0.4192**, and if you desaturate by 10%, it is **119.9490, 7.4201, 0.0447**.

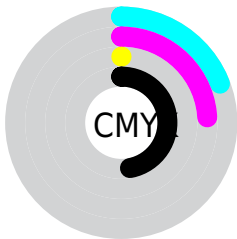
Distribution



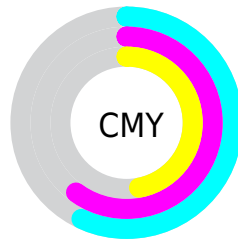
- Red (43%)
- Green (40%)
- Blue (53%)



- Red (43%)
- Yellow (40%)
- Blue (53%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (57%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4420, 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 108.4420, 13.0931, 0.4894 by changing the saturation by 10% instead.

■ 108.4420, 13.0931,
0.4894

■ 108.4420, 13.0931,
0.4894

■ 255.0000, 0.0000,
0.0000

■ 84.0290, 12.8037,
-0.0254

■ 159.9690, 13.8193,
0.9042

■ 60.8010, 11.9301,
0.1745

■ 187.0830, 14.2561,
0.8042

■ 38.9750, 11.3513,
-0.8551

■ 214.6100, 14.9823,
1.2190

■ 17.5730, 11.0565,
0.3745

■ 241.1450, 6.8305,
2.5038

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 108.4420, 13.0931,
0.4894

■ 108.4420, 13.0931,
0.4894

■ 97.5220, 18.4767,
0.4192

■ 119.9490, 7.4201,
0.0447

■ 86.0150, 24.1496,
0.8638

■ 130.8690, 2.0366,
0.1149

■ 75.0950, 29.5332,
0.7937

■ 142.3760, -3.6364,
-0.3298

■ 63.5880, 35.2061,
1.2383

■ 153.2960, -9.0199,
-0.2596

■ 52.6680, 40.5897,
1.1682

■ 164.8030,
-14.6929, -0.7042

■ 41.1610, 46.2626,
1.6128

■ 175.7230,
-20.0764, -0.6341

■ 30.2410, 51.6462,
1.5426


■ 187.2300,
-25.7494, -1.0787

■ 22.8650, 55.2826,

■ 198.1500,

1.8724

-31.1329, -1.0085

 209.6570,
-36.8059, -1.4532

Harmonies

Analogous

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



105.5430, 16.4943, -17.1392



108.4420, 13.0931, 0.4894



109.6350, 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.



108.4420, 13.0931, 0.4894



107.2880, -13.4530, 21.6724



99.9100, 3.0024, -29.7391

Complementary

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



108.4420, 13.0931, 0.4894



129.5580, -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.



101.9950, -5.9135, -16.6586



108.4420, 13.0931, 0.4894



106.3530, -15.4570, 11.0914

Square

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



108.4420, 13.0931, 0.4894



108.4010, -8.0857, 26.8353



104.6610, -12.6509, -2.3337



99.3420, 11.1704, -36.2569

Rectangle

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



108.4420, 13.0931, 0.4894



109.5990, 1.6767, 22.2767



104.6610, -12.6509, -2.3337



101.1340, -0.0661, -25.5505

Sweetspot

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



108.4420, 13.0931, 0.4894



165.9660, 4.9468, 0.0298



121.9100, 6.4534, -16.5841



83.0970, 2.9102, -0.0851



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



108.4420, 13.0931, 0.4894



135.2770, 20.0764, 0.6341



113.2260, 10.7346, 10.3258



60.9830, 2.4734, 0.0149



21.9960, 53.2460, 1.7575



0.3420, 1.3104, -0.2999

Inverse Universe

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



115.5320, 6.6397, 17.0734



146.2110, 10.2490, 26.1250



124.7740, -10.7346, -10.3258



62.3640, 1.2995, 3.1888



50.9540, 27.1377, 69.3233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 108.4420, 13.0931, 0.4894 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 108.4420, 13.0931, 0.4894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

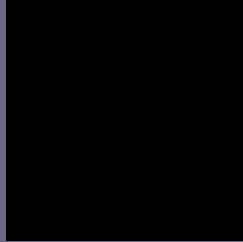
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.4420, 13.0931, 0.4894

Background



This preview shows how black text looks on a background with the YUV color 108.4420, 13.0931, 0.4894.



This preview shows how white text looks on a background with the YUV color 108.4420, 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

108.4420, 13.0931, 0.4894

Protanopia

107.4410, 14.5726, -7.4028

Deuteranopia

107.8220, 13.3988, -4.2289



Tritanopia

107.3140, 3.7892, -2.0294

Trichromacy



Original Color

108.4420, 13.0931, 0.4894

Protanomaly

107.9360, 13.8356, -4.3289

Deuteranomaly

107.8330, 13.3933, -2.4845

Tritanomaly

107.8240, 6.9888, -1.5996

Monochromacy



Original Color

108.4420, 13.0931, 0.4894

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4420, 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(109, 103, 135)` looks like.

```
.text, #text, p{  
    color:rgb(109, 103, 135)  
}
```

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(109, 103, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 103, 135) }
```

Border

The CSS property to change the border of an element to YUV 108.4420, 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(109, 103, 135) }
```


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

```
.border{ border-color:rgb(109, 103, 135) }
```

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

Here you see how a box with a 4 pixel rgb(109, 103, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(109, 103,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 108.4420, 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(109, 103, 135) }
```

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

```
.background{ background-color: rgb(109,  
103, 135) }
```

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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