

Converting Colors

YUV(104.9420, -5.3944, 3.5589)

Have a look what the booklet for
YUV(104.9420, -5.3944, 3.5589)
contains.

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Color

**YUV(104.9420, -5.3944,
3.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	6D695E
RGB	109, 105, 94
RGB Percent	43%, 41%, 37%
CMY	0.5725, 0.5882, 0.6314
CMYK	0.00, 0.04, 0.14, 0.57
HSL	44°, 7%, 40%
HSV	44°, 14%, 43%
XYZ	13.3786, 14.1625, 12.6182
YIQ	104.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

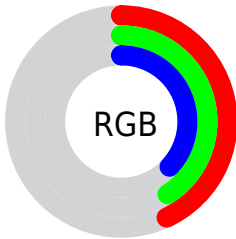
Format	Color
RYB	99, 109, 94
Decimal	7170398
CIELab	44.47, -0.53, 6.74
CIElCh	44, 6.763, 94.520
Yxy	14.1625, 0.3331, 0.3527
Android (android.graphics.Color)	4285360478 (0xFF6D695E)
YUV	104.9420, -5.3944, 3.5589
Hunter-Lab	37.6331, -2.4009, 6.4636

Details

The YUV color $[104.9420, -5.3944, 3.5589]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[98.0580, 5.3944, -3.5589]$, and the grayscale version is $[105.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[156.1270, -5.9786, 4.2736]$, and $[57.7570, -4.8102, 2.8441]$ is the 20% darker color. If you saturate the color by 10%, you get $[101.9270, -9.3310, 6.2030]$, and if you desaturate by 10%, it is $[107.9570, -1.4578, 0.9147]$.

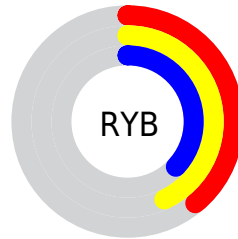
Distribution



Red (43%)

Green (41%)

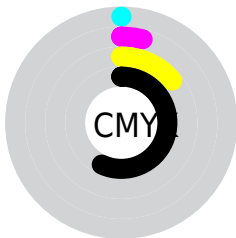
Blue (37%)



Red (39%)

Yellow (43%)

Blue (37%)

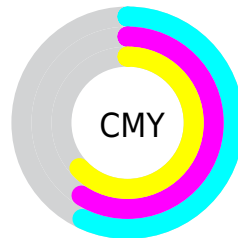


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (57%)



Cyan (57%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9420, -5.3944, 3.5589 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 104.9420, -5.3944, 3.5589 by changing the saturation by 10% instead.

■ 104.9420, -5.3944,
3.5589

■ 104.9420, -5.3944,
3.5589

255.0000, 0.0000,
0.0000

■ 80.9420, -5.3944,
3.5589

■ 156.1270, -5.9786,
4.2736

■ 57.7570, -4.8102,
2.8441

■ 183.1270, -5.9786,
4.2736

■ 36.1700, -4.5208,
3.3589

■ 210.7140, -6.2680,
3.7588

■ 14.7850, -7.2890,
4.5736

■ 239.0130, -6.4154,
4.3736

■ 0.0000, 0.0000,
0.0000

■ 104.9420, -5.3944,

■ 104.9420, -5.3944,

3.5589

3.5589

■ 101.9270, -9.3310,
6.2030

■ 107.9570, -1.4578,
0.9147

■ 98.9120, -13.2676,
8.8472

■ 110.9720, 2.4788,
-1.7294

■ 95.8970, -17.2042,
11.4913

■ 113.9870, 6.4154,
-4.3736

■ 92.8820, -21.1408,
14.1355

■ 117.0020, 10.3520,
-7.0178

■ 89.9810, -24.6406,
16.6797

■ 120.0170, 14.2886,
-9.6619

■ 87.5530, -28.8666,
18.8090

■ 122.3310, 18.0778,
-11.6913

■ 84.5380, -32.8032,
21.4532

■ 125.3460, 22.0144,
-14.3354

■ 81.5230, -36.7398,
24.0973

■ 128.3610, 25.9510,
-16.9796

■ 79.5510, -39.2186,
25.8268

■ 131.3760, 29.8876,
-19.6238

Harmonies

Analogous

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



105.3770, -5.1159, 7.5624



104.9420, -5.3944, 3.5589



104.5500, -4.2151, -1.3593

Triad

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



104.9420, -5.3944, 3.5589



103.2590, 3.8163, -10.7511



106.2010, 1.8729, 5.9627

Complementary

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



104.9420, -5.3944, 3.5589



98.0580, 5.3944, -3.5589

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.



105.4500, 4.2152, 1.3594



104.9420, -5.3944, 3.5589



104.0250, 5.4107, -8.7919

Square

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



104.9420, -5.3944, 3.5589



103.5750, 1.1955, -10.1513



104.7590, 5.5418, -4.1736



106.1260, -1.0481, 9.5365

Rectangle

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



104.9420, -5.3944, 3.5589



103.8700, -2.8939, -5.1480



104.7590, 5.5418, -4.1736



106.1300, 2.8939, 5.1480

Sweetspot

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



104.9420, -5.3944, 3.5589



141.1420, -2.0420, 1.6295



98.9410, -0.4639, 8.8217



70.0710, -1.0210, 0.8147



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



104.9420, -5.3944, 3.5589



136.1550, -8.4574, 6.0031



106.3930, -6.1097, -0.3447



52.1420, -2.0420, 1.6295



85.4650, -42.1342, 27.6562



178.9150, -88.2051, 57.9565

Inverse Universe

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



98.0580, 5.3944, -3.5589



125.2580, 8.7468, -5.4883



96.9060, 5.9623, 0.9594



49.8580, 2.0420, -1.6295



31.5350, 42.1342, -27.6562



66.0850, 88.2051, -57.9565

Previews

White Background



This preview shows how the YUV color 104.9420, -5.3944, 3.5589 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 104.9420, -5.3944, 3.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

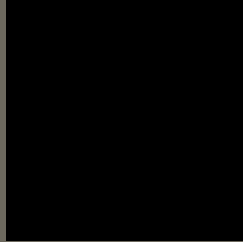
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9420, -5.3944, 3.5589

Background



This preview shows how black text looks on a background with the YUV color 104.9420, -5.3944, 3.5589.

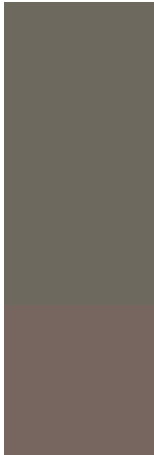


This preview shows how white text looks on a background with the YUV color 104.9420, -5.3944,

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

104.9420, -5.3944, 3.5589

Protanopia

105.2410, -5.5418, 4.1736

Deuteranopia

105.6980, -5.2741, 11.6659



Tritanopia

106.3040, 2.3151, 4.1184

Trichromacy



Original Color

104.9420, -5.3944, 3.5589

Protanomaly

105.2410, -5.5418, 4.1736

Deuteranomaly

105.0890, -4.9739, 8.6919

Tritanomaly

105.9080, -0.4476, 3.5887

Monochromacy



Original Color

104.9420, -5.3944, 3.5589

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9420, -5.3944, 3.5589 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, 105, 94)` looks like.

```
.text, #text, p{  
    color:rgb(109, 105, 94)  
}
```

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, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 105, 94) }
```

Border

The CSS property to change the border of an element to YUV 104.9420, -5.3944, 3.5589 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, 105, 94) }
```


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

```
.border{ border-color:rgb(109, 105, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 105, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(109, 105,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 104.9420, -5.3944, 3.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 105, 94) }
```

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

```
.background{ background-color: rgb(109,  
105, 94) }
```

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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