

Converting Colors

YUV(107.4220, 13.5960,
25.9399)

Have a look what the booklet for
YUV(107.4220, 13.5960, 25.9399)
contains.

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Color

**YUV(107.4220, 13.5960,
25.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	895787
RGB	137, 87, 135
RGB Percent	54%, 34%, 53%
CMY	0.4627, 0.6588, 0.4706
CMYK	0.00, 0.36, 0.01, 0.46
HSL	302°, 22%, 44%
HSV	302°, 36%, 54%
XYZ	18.0979, 13.8840, 24.6477
YIQ	107.4220, 14.3920, 25.5280

Conversions

Conversions Part 2

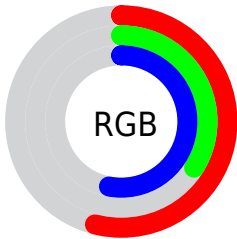
Format	Color
R_{YB}	137, 87, 135
Decimal	9000839
CIE Lab	44.07, 28.75, -18.33
CIE LCh	44, 34.091, 327.479
Yxy	13.8840, 0.3196, 0.2452
Android (android.graphics.Color)	4287190919 (0xFF895787)
YUV	107.4220, 13.5960, 25.9399
Hunter-Lab	37.2613, 21.4907, -13.1364

Details

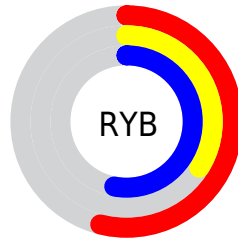
The YUV color **107.4220, 13.5960, 25.9399** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116.5780, -13.5960, -25.9399**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5470, 14.0273, 27.5843**, and **58.8840, 12.8752, 23.7807** is the 20% darker color. If you saturate the color by 10%, you get **99.0900, 17.2106, 33.2471**, and if you desaturate by 10%, it is **115.7540, 9.9813, 18.6327**.

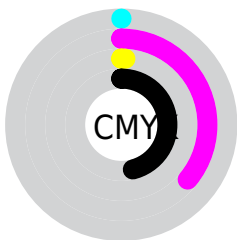
Distribution



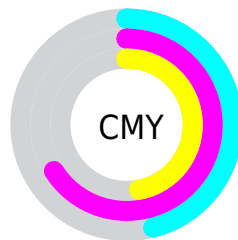
- Red (54%)
- Green (34%)
- Blue (53%)



- Red (54%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4220, 13.5960, 25.9399 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 107.4220, 13.5960, 25.9399 by changing the saturation by 10% instead.

107.4220, 13.5960,
25.9399

107.4220, 13.5960,
25.9399

255.0000, 0.0000,
0.0000

82.7100, 13.4540,
24.8103

159.5470, 14.0273,
27.5843

58.8840, 12.8752,
23.7807

186.3730, 14.6061,
28.6139

34.9980, 13.3120,
23.6808

214.7860, 14.8955,
29.1287

16.2210, 11.7230,
19.9772

234.4550, 10.1287,
18.0180

2.0520, 7.8624,
-1.7996

251.4780, 1.7363,
3.0888

0.0000, 0.0000,
0.0000

107.4220, 13.5960,
25.9399

107.4220, 13.5960,
25.9399

99.0900, 17.2106,
33.2471

115.7540, 9.9813,
18.6327

91.4590, 20.9727,
39.9395

123.3850, 6.2192,
11.9404

83.1270, 24.5874,
47.2466

131.7170, 2.6045,
4.6332

74.9090, 28.6389,
54.4538

139.9350, -1.4470,
-2.5740

67.1640, 31.9641,
61.2462

147.6800, -4.7722,
-9.3664

58.9460, 36.0156,
68.4534


155.8980, -8.8237,
-16.5735

56.0110, 37.4626,
71.0274

164.2300,
-12.4384, -23.8807

172.4480,

-16.4899, -31.0879

 180.1930,
-19.8151, -37.8803

Harmonies

Analogous

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



105.8790, 23.7237, -2.5249



107.4220, 13.5960, 25.9399



106.2040, 0.8854, 42.7941

Triad

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



107.4220, 13.5960, 25.9399



101.8950, -27.5562, 18.5091



83.9720, 22.1988, -73.6434

Complementary

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



107.4220, 13.5960, 25.9399



116.5780, -13.5960, -25.9399

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.



80.7800, 9.9685, -70.8441



107.4220, 13.5960, 25.9399



98.9030, -23.1232, -3.4229

Square

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



107.4220, 13.5960, 25.9399



103.8570, -23.1005, 36.0824



94.3540, -10.5275, -30.1285



84.7190, 32.6765, -74.2986

Rectangle

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



107.4220, 13.5960, 25.9399



104.9350, -7.8560, 46.5380



94.3540, -10.5275, -30.1285



83.5330, 17.9782, -73.2584

Sweetspot

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



107.4220, 13.5960, 25.9399



167.1460, 5.3510, 10.3960



93.2980, 21.5451, -3.7693



82.5430, 3.1833, 5.6628



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.



107.4220, 13.5960, 25.9399



132.1710, 21.1147, 41.0690



104.5720, 2.6760, 28.4394



64.8910, 2.0257, 3.6036



54.2450, 35.8682, 69.0681



2.0650, 1.4470, 2.5740

Inverse Universe

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



107.4220, 13.5960, 25.9399



132.1710, 21.1147, 41.0690



119.4280, -2.6760, -28.4394



64.8910, 2.0257, 3.6036



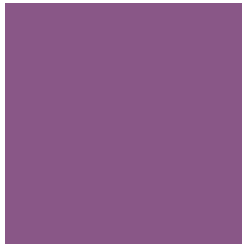
54.2450, 35.8682, 69.0681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 107.4220, 13.5960, 25.9399 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 107.4220, 13.5960, 25.9399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

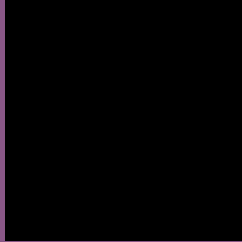
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4220, 13.5960, 25.9399

Background



This preview shows how black text looks on a background with the YUV color 107.4220, 13.5960, 25.9399.

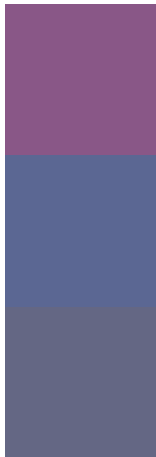


This preview shows how white text looks on a background with the YUV color 107.4220, 13.5960,

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

107.4220, 13.5960, 25.9399

Protanopia

104.4280, 20.9880, -11.7764

Deuteranopia

105.4090, 13.1094, -4.7437



Tritanopia

106.4590, -2.6913, 23.2765

Trichromacy



Original Color

107.4220, 13.5960, 25.9399

Protanomaly

105.5330, 18.4712, 2.1636

Deuteranomaly

105.8880, 13.3662, 6.2372

Tritanomaly

106.3650, 3.2711, 24.2359

Monochromacy



Original Color

107.4220, 13.5960, 25.9399

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3200, 4.7722, 9.3664

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4220, 13.5960, 25.9399 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(137, 87, 135)` looks like.

```
.text, #text, p{  
  color:rgb(137, 87, 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(137, 87, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 87, 135) }
```

Border

The CSS property to change the border of an element to YUV 107.4220, 13.5960, 25.9399 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(137, 87, 135) }
```


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

```
.border{ border-color:rgb(137, 87, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 87, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 87, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 87, 135);  
box-shadow:4px 4px 4px 4px rgb(137, 87,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 107.4220, 13.5960, 25.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 87, 135) }
```

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

```
.background{ background-color: rgb(137, 87,  
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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