

Converting Colors

YUV(104.0090, 13.3066,
25.4251)

Have a look what the booklet for
YUV(104.0090, 13.3066, 25.4251)
contains.

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Color

**YUV(104.0090, 13.3066,
25.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	855483
RGB	133, 84, 131
RGB Percent	52%, 33%, 51%
CMY	0.4784, 0.6706, 0.4863
CMYK	0.00, 0.37, 0.02, 0.48
HSL	302°, 23%, 43%
HSV	302°, 37%, 52%
XYZ	16.9399, 12.9659, 23.0826
YIQ	104.0090, 14.1170, 25.0050

Conversions

Conversions Part 2

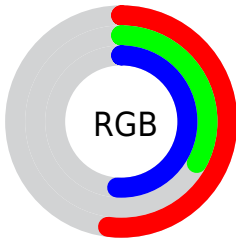
Format	Color
R_{YB}	133, 84, 131
Decimal	8737923
CIE _{Lab}	42.71, 28.31, -18.03
CIE _{LCh}	43, 33.564, 327.516
Yxy	12.9659, 0.3197, 0.2447
Android (android.graphics.Color)	4286928003 (0xFF855483)
YUV	104.0090, 13.3066, 25.4251
Hunter-Lab	36.0082, 20.9604, -12.8013

Details

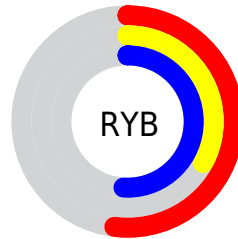
The YUV color **104.0090, 13.3066, 25.4251** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **112.9910, -13.3066, -25.4251**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1340, 13.7379, 27.0695**, and **55.4710, 12.5858, 23.2659** is the 20% darker color. If you saturate the color by 10%, you get **96.2640, 16.6318, 32.2175**, and if you desaturate by 10%, it is **111.7540, 9.9813, 18.6327**.

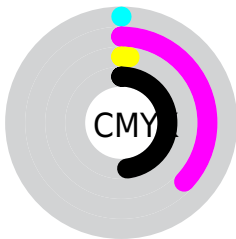
Distribution



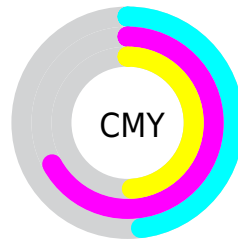
- Red (52%)
- Green (33%)
- Blue (51%)



- Red (52%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0090, 13.3066, 25.4251 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 104.0090, 13.3066, 25.4251 by changing the saturation by 10% instead.

104.0090, 13.3066,
25.4251

104.0090, 13.3066,
25.4251

255.0000, 0.0000,
0.0000

79.2970, 13.1646,
24.2955

156.1340, 13.7379,
27.0695

55.4710, 12.5858,
23.2659

182.9600, 14.3167,
28.0991

32.1720, 12.7332,
22.6512

210.6720, 14.4587,
29.2287

15.2810, 10.7075,
19.0476

232.1070, 11.2862,
20.0772

2.0690, 5.3890,
-1.8145

249.1300, 2.8939,
5.1480

0.0000, 0.0000,
0.0000

104.0090, 13.3066,
25.4251

104.0090, 13.3066,
25.4251

96.2640, 16.6318,
32.2175

111.7540, 9.9813,
18.6327

88.0460, 20.6833,
39.4247

119.9720, 5.9298,
11.4256

80.3010, 24.0086,
46.2170

127.7170, 2.6045,
4.6332

72.6700, 27.7707,
52.9094

135.3480, -1.1576,
-2.0592

64.9250, 31.0960,
59.7018

143.6800, -4.7722,
-9.3664

56.7070, 35.1474,
66.9090


151.3110, -8.5343,
-16.0587

54.3590, 36.3050,
68.9682

159.0560,
-11.8596, -22.8511

166.6870,

-15.6217, -29.5435

 175.0190,
-19.2364, -36.8507

Harmonies

Analogous

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



102.4660, 23.4343, -3.0397



104.0090, 13.3066, 25.4251



102.7910, 0.5960, 42.2793

Triad

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



104.0090, 13.3066, 25.4251



98.7100, -26.9720, 17.7943



81.8690, 21.7566, -71.7991

Complementary

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



104.0090, 13.3066, 25.4251



112.9910, -13.3066, -25.4251

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.



78.6770, 9.5262, -68.9997



104.0090, 13.3066, 25.4251



96.0170, -22.6864, -3.5229

Square

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



104.0090, 13.3066, 25.4251



100.0850, -22.2269, 35.8825



90.7670, -10.2381, -29.6137



81.9150, 32.0869, -71.8395

Rectangle

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



104.0090, 13.3066, 25.4251



101.3370, -7.5611, 45.3085



90.7670, -10.2381, -29.6137



80.8430, 17.8254, -70.8993

Sweetspot

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



104.0090, 13.3066, 25.4251



161.8470, 5.4984, 9.7812



90.1840, 21.1083, -3.6694



79.8420, 3.0359, 6.2776



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



104.0090, 13.3066, 25.4251



128.0460, 20.6833, 39.4247



101.2730, 2.8234, 27.8246



62.4780, 1.7363, 3.0888



53.1200, 35.4368, 67.4238



1.1250, 0.4314, 1.6444

Inverse Universe

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



104.0090, 13.3066, 25.4251



128.0460, 20.6833, 39.4247



115.7270, -2.8234, -27.8246



62.4780, 1.7363, 3.0888



53.1200, 35.4368, 67.4238



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 104.0090, 13.3066, 25.4251 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 104.0090, 13.3066, 25.4251 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 104.0090, 13.3066, 25.4251

Background



This preview shows how black text looks on a background with the YUV color 104.0090, 13.3066, 25.4251.



This preview shows how white text looks on a background with the YUV color 104.0090, 13.3066,

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

104.0090, 13.3066, 25.4251

Protanopia

101.3140, 20.5512, -11.6764

Deuteranopia

101.7080, 12.9620, -4.1289



Tritanopia

103.1600, -2.5439, 22.6617

Trichromacy



Original Color

104.0090, 13.3066, 25.4251

Protanomaly

102.1200, 18.1818, 1.6488

Deuteranomaly

102.7740, 12.9294, 6.3372

Tritanomaly

103.0660, 3.4185, 23.6211

Monochromacy



Original Color

104.0090, 13.3066, 25.4251

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3200, 4.7722, 9.3664

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0090, 13.3066, 25.4251 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(133, 84, 131)` looks like.

```
.text, #text, p{  
    color:rgb(133, 84, 131)  
}
```

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(133, 84, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 84, 131) }
```

Border

The CSS property to change the border of an element to YUV 104.0090, 13.3066, 25.4251 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(133, 84, 131) }
```


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

```
.border{ border-color:rgb(133, 84, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 84, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 84, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 84, 131);  
box-shadow:4px 4px 4px 4px rgb(133, 84,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 104.0090, 13.3066, 25.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 84, 131) }
```

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

```
.background{ background-color: rgb(133, 84,  
131) }
```

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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