

Converting Colors

YUV(96.0350, 13.7867, 11.3703)

Have a look what the booklet for
YUV(96.0350, 13.7867, 11.3703)
contains.

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Color

**YUV(96.0350, 13.7867,
11.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	6D547C
RGB	109, 84, 124
RGB Percent	43%, 33%, 49%
CMY	0.5725, 0.6706, 0.5137
CMYK	0.12, 0.32, 0.00, 0.51
HSL	278°, 19%, 41%
HSV	278°, 32%, 49%
XYZ	13.1151, 11.0471, 20.5098
YIQ	96.0350, 2.0600, 17.7400

Conversions

Conversions Part 2

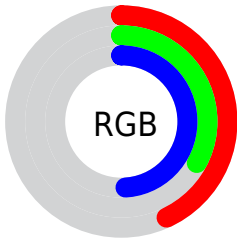
Format	Color
R_{YB}	109, 84, 124
Decimal	7165052
CIE _{Lab}	39.66, 18.46, -18.68
CIE _{LCh}	40, 26.265, 314.658
Yxy	11.0471, 0.2936, 0.2473
Android (android.graphics.Color)	4285355132 (0xFF6D547C)
YUV	96.0350, 13.7867, 11.3703
Hunter-Lab	33.2372, 12.2695, -13.3204

Details

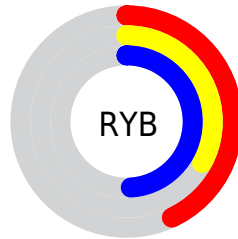
The YUV color **96.0350, 13.7867, 11.3703** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.9650, -13.7867, -11.3703**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9750, 14.8023, 12.2999**, and **49.0950, 12.7712, 10.4407** is the 20% darker color. If you saturate the color by 10%, you get **87.4960, 17.9965, 14.4740**, and if you desaturate by 10%, it is **104.5740, 9.5770, 8.2666**.

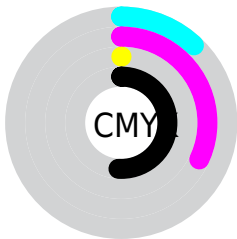
Distribution



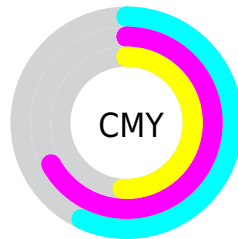
- Red (43%)
- Green (33%)
- Blue (49%)



- Red (43%)
- Yellow (33%)
- Blue (49%)



- Cyan (12%)
- Magenta (32%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0350, 13.7867, 11.3703 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 96.0350, 13.7867, 11.3703 by changing the saturation by 10% instead.

■ 96.0350, 13.7867,
11.3703

■ 96.0350, 13.7867,
11.3703

■ 255.0000, 0.0000,
0.0000

■ 72.2090, 13.2080,
10.3407

■ 146.9750, 14.8023,
12.2999

■ 49.0950, 12.7712,
10.4407

■ 173.3880, 15.0917,
12.8147

■ 27.8560, 11.9030,
8.8963

■ 200.8010, 15.3811,
13.3295

■ 9.5140, 10.5926,
9.1962

■ 228.5300, 13.0497,
14.4442

■ 0.2280, 0.8736,
-0.2000

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

96.0350, 13.7867,
11.3703

96.0350, 13.7867,
11.3703

87.4960, 17.9965,
14.4740

104.5740, 9.5770,
8.2666

78.6690, 22.3482,
18.7073

113.4010, 5.2253,
4.0333

70.1300, 26.5579,
21.8110

121.9400, 1.0156,
0.9296

61.0040, 31.0570,
25.4295

131.0660, -3.4835,
-2.6889

52.7640, 35.1193,
29.1480

139.3060, -7.5459,
-6.4074

44.2250, 39.3291,
32.2517


147.8450,
-11.7556, -9.5111

37.4580, 42.6652,
35.5553

156.9710,
-16.2547, -13.1296

165.2110,

-20.3170, -16.8480

 174.3370,
-24.8161, -20.4665

Harmonies

Analogous

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



93.0150, 20.6986, -12.2912



96.0350, 13.7867, 11.3703



96.0280, 4.4232, 28.0394

Triad

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



96.0350, 13.7867, 11.3703



92.5670, -19.9995, 21.4277



73.4910, 15.0409, -64.4516

Complementary

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



96.0350, 13.7867, 11.3703



111.9650, -13.7867, -11.3703

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.



83.7370, -1.3493, -33.9723



96.0350, 13.7867, 11.3703



90.5820, -19.5139, 5.6286

Square

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



96.0350, 13.7867, 11.3703



93.7130, -14.6485, 31.8237



88.1820, -12.9077, -13.3146



74.4830, 23.9189, -65.3216

Rectangle

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



96.0350, 13.7867, 11.3703



95.0520, -1.9976, 34.1574



88.1820, -12.9077, -13.3146



78.2600, 8.7458, -51.9710

Sweetspot

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



96.0350, 13.7867, 11.3703



149.8140, 5.5147, 4.5481



97.3650, 13.1311, -11.7211



74.9340, 3.4835, 2.6889



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.0350, 13.7867, 11.3703



116.8430, 21.7694, 17.6777



99.9500, 9.3916, 21.0918



56.8800, 2.0312, 1.8592



37.5720, 43.1020, 35.4554



75.9700, 86.7828, 71.9403

Inverse Universe

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



97.6700, 0.6557, 23.0914



119.4590, 0.7597, 36.4315



108.0500, -9.3916, -21.0918



57.0220, -0.0108, 3.4887



42.7330, 2.1036, 72.1482



86.1780, 4.3492, 145.4259

Previews

White Background



This preview shows how the YUV color 96.0350, 13.7867, 11.3703 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 96.0350, 13.7867, 11.3703 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 96.0350, 13.7867, 11.3703

Background



This preview shows how black text looks on a background with the YUV color 96.0350, 13.7867, 11.3703.



This preview shows how white text looks on a background with the YUV color 96.0350, 13.7867,

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

96.0350, 13.7867, 11.3703

Protanopia

93.3420, 18.0724, -9.9469

Deuteranopia

93.9250, 13.8410, -6.0732



Tritanopia

94.5820, 0.6991, 9.1366

Trichromacy



Original Color

96.0350, 13.7867, 11.3703

Protanomaly

94.3430, 16.5929, -2.0548

Deuteranomaly

94.6700, 13.9667, 0.2894

Tritanomaly

94.8470, 5.4984, 9.7812

Monochromacy



Original Color

96.0350, 13.7867, 11.3703

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2870, 4.7885, 4.1333

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0350, 13.7867, 11.3703 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, 84, 124)` looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 124)  
}
```

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, 84, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 124) }
```

Border

The CSS property to change the border of an element to YUV 96.0350, 13.7867, 11.3703 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, 84, 124) }
```


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

```
.border{ border-color:rgb(109, 84, 124) }
```

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

Here you see how a box with a 4 pixel rgb(109, 84, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 124);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 96.0350, 13.7867, 11.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 84, 124) }
```

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

```
.background{ background-color: rgb(109, 84,  
124) }
```

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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