

Converting Colors

YUV(95.5620, 14.5129, 11.7851)

Have a look what the booklet for
YUV(95.5620, 14.5129, 11.7851)
contains.

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Color

**YUV(95.5620, 14.5129,
11.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	6D537D
RGB	109, 83, 125
RGB Percent	43%, 33%, 49%
CMY	0.5725, 0.6745, 0.5098
CMYK	0.13, 0.34, 0.00, 0.51
HSL	277°, 20%, 41%
HSV	277°, 34%, 49%
XYZ	13.1016, 10.9184, 20.8190
YIQ	95.5620, 2.0140, 18.5740

Conversions

Conversions Part 2

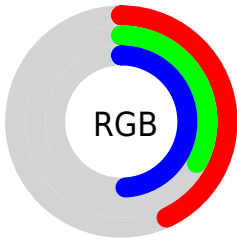
Format	Color
R_{YB}	109, 83, 125
Decimal	7164797
CIE _{Lab}	39.44, 19.31, -19.63
CIE _{LCh}	39, 27.534, 314.526
Yxy	10.9184, 0.2922, 0.2435
Android (android.graphics.Color)	4285354877 (0xFF6D537D)
YUV	95.5620, 14.5129, 11.7851
Hunter-Lab	33.0430, 12.9503, -14.2260

Details

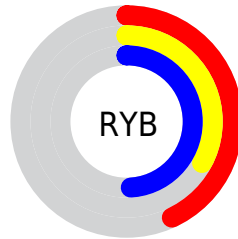
The YUV color **95.5620, 14.5129, 11.7851** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.4380, -14.5129, -11.7851**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5020, 15.5285, 12.7147**, and **49.2090, 13.2080, 10.3407** is the 20% darker color. If you saturate the color by 10%, you get **87.0230, 18.7227, 14.8888**, and if you desaturate by 10%, it is **104.6880, 10.0138, 8.1666**.

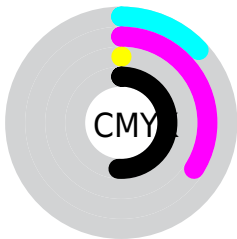
Distribution



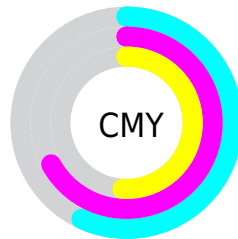
- Red (43%)
- Green (33%)
- Blue (49%)



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



- Cyan (13%)
- Magenta (34%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5620, 14.5129, 11.7851 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 95.5620, 14.5129, 11.7851 by changing the saturation by 10% instead.

■ 95.5620, 14.5129,
11.7851

■ 95.5620, 14.5129,
11.7851

255.0000, 0.0000,
0.0000

■ 71.7360, 13.9342,
10.7555

■ 146.5020, 15.5285,
12.7147

■ 49.2090, 13.2080,
10.3407

■ 172.9150, 15.8179,
13.2295

■ 27.3830, 12.6292,
9.3111

■ 200.4420, 16.5441,
13.6444

■ 9.3290, 11.1768,
8.4815

■ 227.9430, 13.3391,
14.9590

■ 0.3420, 1.3104,
-0.2999

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

95.5620, 14.5129,
11.7851

95.5620, 14.5129,
11.7851

87.0230, 18.7227,
14.8888

104.6880, 10.0138,
8.1666

77.8970, 23.2218,
18.5073

113.2270, 5.8041,
5.0629

69.6570, 27.2841,
22.2258

122.0540, 1.4524,
0.8296

60.5310, 31.7832,
25.8443

130.5930, -2.7573,
-2.2741

51.9920, 35.9929,
28.9480

139.7190, -7.2565,
-5.8926

42.8660, 40.4921,
32.5665


148.2580,
-11.4662, -8.9963

37.2730, 43.2494,
34.8406

157.0850,
-15.8179, -13.2295

165.6240,

-20.0276, -16.3332

 174.1630,
-24.2374, -19.4370

Harmonies

Analogous

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



91.9440, 21.7196, -13.1059



95.5620, 14.5129, 11.7851



95.1530, 4.8546, 29.6838

Triad

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



95.5620, 14.5129, 11.7851



92.3390, -20.8731, 21.6277



73.3770, 14.6041, -64.3516

Complementary

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



95.5620, 14.5129, 11.7851



112.4380, -14.5129, -11.7851

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.



82.4270, -1.1965, -36.3315



95.5620, 14.5129, 11.7851



90.0550, -20.2401, 5.2138

Square

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



95.5620, 14.5129, 11.7851



93.1970, -15.3801, 33.1532



87.3560, -13.4865, -14.3442



74.5970, 24.3557, -65.4216

Rectangle

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



95.5620, 14.5129, 11.7851



94.6500, -2.2924, 35.3870



87.3560, -13.4865, -14.3442



74.3730, 10.6621, -59.9631

Sweetspot

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



95.5620, 14.5129, 11.7851



151.8140, 5.5147, 4.5481



97.1800, 13.7153, -12.4359



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.



95.5620, 14.5129, 11.7851



117.3700, 22.4956, 18.0925



99.7760, 9.9704, 22.1214



58.9940, 2.4680, 1.7593



38.2130, 44.2650, 35.7702



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.3820, 0.7977, 24.2210



120.2850, 1.3385, 37.4611



108.2240, -9.9704, -22.1214



59.4350, 0.2785, 4.0035



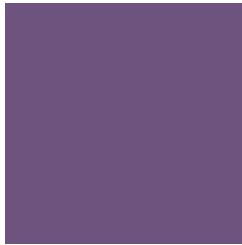
43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.5620, 14.5129, 11.7851 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 95.5620, 14.5129, 11.7851 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 95.5620, 14.5129, 11.7851

Background



This preview shows how black text looks on a background with the YUV color 95.5620, 14.5129, 11.7851.



This preview shows how white text looks on a background with the YUV color 95.5620, 14.5129,

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

95.5620, 14.5129, 11.7851

Protanopia

93.2710, 19.0934, -10.7617

Deuteranopia

93.7400, 14.4252, -6.7880



Tritanopia

94.2830, 0.8465, 8.5218

Trichromacy



Original Color

95.5620, 14.5129, 11.7851

Protanomaly

94.1580, 17.1771, -2.7696

Deuteranomaly

94.4850, 14.5509, -0.4253

Tritanomaly

94.9610, 5.9352, 9.6812

Monochromacy



Original Color

95.5620, 14.5129, 11.7851

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5620, 14.5129, 11.7851 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, 83, 125)` looks like.

```
.text, #text, p{  
    color:rgb(109, 83, 125)  
}
```

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, 83, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 83, 125) }
```

Border

The CSS property to change the border of an element to YUV 95.5620, 14.5129, 11.7851 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, 83, 125) }
```


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

```
.border{ border-color:rgb(109, 83, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 83, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 83, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 83, 125);  
box-shadow:4px 4px 4px 4px rgb(109, 83,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 95.5620, 14.5129, 11.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 83, 125) }
```

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

```
.background{ background-color: rgb(109, 83,  
125) }
```

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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