

Converting Colors

YUV(95.8990, 13.3608, 7.9816)

Have a look what the booklet for
YUV(95.8990, 13.3608, 7.9816)
contains.

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Color

**YUV(95.8990, 13.3608,
7.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	69567B
RGB	105, 86, 123
RGB Percent	41%, 34%, 48%
CMY	0.5882, 0.6627, 0.5176
CMYK	0.15, 0.30, 0.00, 0.52
HSL	271°, 18%, 41%
HSV	271°, 30%, 48%
XYZ	12.7286, 11.0889, 20.2084
YIQ	95.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

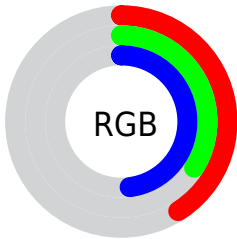
Format	Color
R_{YB}	105, 86, 123
Decimal	6903419
CIE _{Lab}	39.73, 15.60, -18.00
CIE _{LCh}	40, 23.814, 310.911
Yxy	11.0889, 0.2891, 0.2519
Android (android.graphics.Color)	4285093499 (0xFF69567B)
YUV	95.8990, 13.3608, 7.9816
Hunter-Lab	33.3000, 9.9551, -12.6707

Details

The YUV color **95.8990, 13.3608, 7.9816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **113.1010, -13.3608, -7.9816**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8390, 14.3764, 8.9112**, and **49.5460, 12.0558, 6.5372** is the 20% darker color. If you saturate the color by 10%, you get **87.0610, 17.7179, 10.4705**, and if you desaturate by 10%, it is **104.7370, 9.0037, 5.4927**.

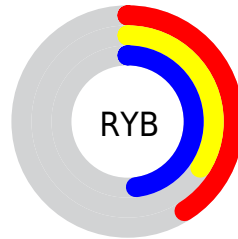
Distribution



Red (41%)

Green (34%)

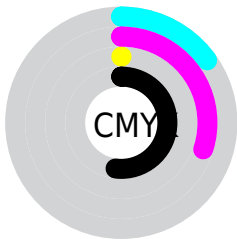
Blue (48%)



Red (41%)

Yellow (34%)

Blue (48%)

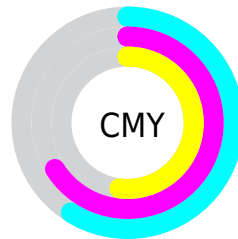


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8990, 13.3608, 7.9816 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 95.8990, 13.3608, 7.9816 by changing the saturation by 10% instead.

■ 95.8990, 13.3608,
7.9816

■ 95.8990, 13.3608,
7.9816

■ 255.0000, 0.0000,
0.0000

■ 72.3720, 12.6346,
7.5668

■ 146.8390, 14.3764,
8.9112

■ 49.5460, 12.0558,
6.5372

■ 173.2520, 14.6658,
9.4260

■ 28.0190, 11.3296,
6.1223

■ 200.3660, 15.1026,
9.3260

■ 8.3180, 11.1822,
6.7371

■ 228.2090, 13.2080,
10.3407

■ 0.1140, 0.4368,
-0.1000

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

95.8990, 13.3608,
7.9816

95.8990, 13.3608,
7.9816

87.0610, 17.7179,
10.4705

104.7370, 9.0037,
5.4927

77.6360, 22.3645,
13.4742

114.1620, 4.3571,
2.4889

68.7980, 26.7216,
15.9632

123.0000, 0.0000,
0.0000

59.9600, 31.0787,
18.4521

131.8380, -4.3571,
-2.4889

51.1220, 35.4359,
20.9410

141.2630, -9.0037,
-5.4927

41.6970, 40.0824,
23.9447


150.1010,
-13.3608, -7.9816

32.8590, 44.4395,
26.4337

158.9390,
-17.7179, -10.4705

167.7770,

-22.0751, -12.9594

 177.2020,
-26.7216, -15.9632

Harmonies

Analogous

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



92.6620, 19.3936, -13.7356



95.8990, 13.3608, 7.9816



96.2340, 5.3076, 24.3508

Triad

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



95.8990, 13.3608, 7.9816



93.1370, -17.8155, 20.9279



80.8200, 9.4557, -46.3231

Complementary

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



95.8990, 13.3608, 7.9816



113.1010, -13.3608, -7.9816

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.



85.7270, -2.8234, -27.8246



95.8990, 13.3608, 7.9816



91.9350, -18.2090, 7.0730

Square

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



95.8990, 13.3608, 7.9816



94.5710, -12.6065, 30.1942



89.3180, -12.4818, -9.9259



78.9960, 19.2290, -54.3705

Rectangle

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



95.8990, 13.3608, 7.9816



95.9590, -0.9658, 29.8540



89.3180, -12.4818, -9.9259



82.8270, 5.5083, -40.1903

Sweetspot

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



95.8990, 13.3608, 7.9816



150.1020, 5.3727, 3.4185



101.3710, 10.6631, -13.4804



75.2220, 3.3416, 1.5593



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.



95.8990, 13.3608, 7.9816



118.5820, 20.9121, 12.6446



101.2810, 10.7075, 19.0476



56.5810, 2.1786, 1.2445



33.3860, 45.1657, 26.8485



67.5980, 90.9102, 54.7266

Inverse Universe

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



99.1150, 2.4083, 20.9471



123.5340, 3.6807, 32.8577



107.7190, -10.7075, -19.0476



57.1360, 0.4260, 3.3887



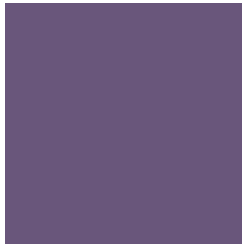
44.3290, 8.2188, 70.7485



89.3700, 16.5796, 142.6265

Previews

White Background



This preview shows how the YUV color 95.8990, 13.3608, 7.9816 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 95.8990, 13.3608, 7.9816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

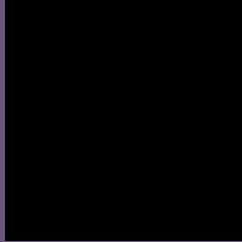
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8990, 13.3608, 7.9816

Background



This preview shows how black text looks on a background with the YUV color 95.8990, 13.3608, 7.9816.



This preview shows how white text looks on a background with the YUV color 95.8990, 13.3608,

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

95.8990, 13.3608, 7.9816

Protanopia

94.0000, 16.7620, -9.6470

Deuteranopia

94.2240, 13.6936, -5.4584



Tritanopia

94.7880, 1.5835, 5.4479

Trichromacy



Original Color

95.8990, 13.3608, 7.9816

Protanomaly

94.4030, 15.5773, -2.9844

Deuteranomaly

94.8440, 13.3879, -0.7402

Tritanomaly

94.9390, 5.9461, 6.1925

Monochromacy



Original Color

95.8990, 13.3608, 7.9816

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6890, 5.0833, 2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8990, 13.3608, 7.9816 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(105, 86, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 86, 123)  
}
```

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(105, 86, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 86, 123) }
```

Border

The CSS property to change the border of an element to YUV 95.8990, 13.3608, 7.9816 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(105, 86, 123) }
```


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

```
.border{ border-color:rgb(105, 86, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 86, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 86, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 86, 123);  
box-shadow:4px 4px 4px 4px rgb(105, 86,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 95.8990, 13.3608, 7.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 86, 123) }
```

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

```
.background{ background-color: rgb(105, 86,  
123) }
```

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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