

Converting Colors

YUV(96.2990, 3.3036, 13.7698)

Have a look what the booklet for
YUV(96.2990, 3.3036, 13.7698)
contains.

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Color

**YUV(96.2990, 3.3036,
13.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	705767
RGB	112, 87, 103
RGB Percent	44%, 34%, 40%
CMY	0.5608, 0.6588, 0.5961
CMYK	0.00, 0.22, 0.08, 0.56
HSL	322°, 13%, 39%
HSV	322°, 22%, 44%
XYZ	12.5385, 11.2404, 14.3407
YIQ	96.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

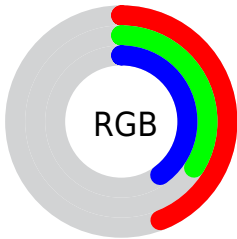
Format	Color
R_{YB}	112, 87, 103
Decimal	7362407
CIE _{Lab}	39.98, 13.23, -5.24
CIE _{LCh}	40, 14.225, 338.402
Y _{xy}	11.2404, 0.3289, 0.2949
Android (android.graphics.Color)	4285552487 (0xFF705767)
YUV	96.2990, 3.3036, 13.7698
Hunter-Lab	33.5267, 8.0845, -1.8920

Details

The YUV color **96.2990, 3.3036, 13.7698** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.7010, -3.3036, -13.7698**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0110, 3.4456, 14.8994**, and **49.5870, 3.1616, 12.6402** is the 20% darker color. If you saturate the color by 10%, you get **89.3860, 4.7397, 19.8325**, and if you desaturate by 10%, it is **103.2120, 1.8675, 7.7071**.

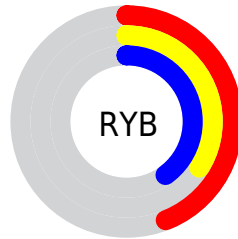
Distribution



Red (44%)

Green (34%)

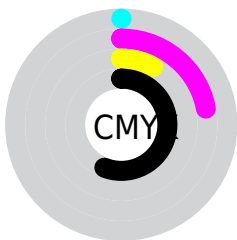
Blue (40%)



Red (44%)

Yellow (34%)

Blue (40%)

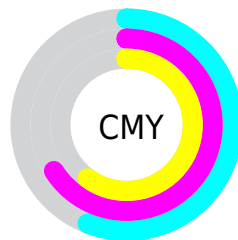


Cyan (0%)

Magenta (22%)

Yellow (8%)

Black (56%)



Cyan (56%)

Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2990, 3.3036, 13.7698 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 96.2990, 3.3036, 13.7698 by changing the saturation by 10% instead.

■ 96.2990, 3.3036,
13.7698

■ 96.2990, 3.3036,
13.7698

■ 255.0000, 0.0000,
0.0000

■ 72.5870, 3.1616,
12.6402

■ 147.0110, 3.4456,
14.8994

■ 49.5870, 3.1616,
12.6402

■ 173.4240, 3.7350,
15.4142

■ 28.5760, 3.1670,
10.8958

■ 200.7230, 3.5876,
16.0289

■ 8.3590, 2.2880,
12.8402

■ 229.1360, 3.8770,
16.5437

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,
4.1184

■ 96.2990, 3.3036,
13.7698

■ 96.2990, 3.3036,
13.7698

■ 89.3860, 4.7397,
19.8325

■ 103.2120, 1.8675,
7.7071

■ 82.4730, 6.1758,
25.8952

■ 110.1250, 0.4314,
1.6444

■ 74.9730, 7.9013,
32.4727

■ 117.6250, -1.2941,
-4.9331

■ 68.0600, 9.3374,
38.5354

■ 124.5380, -2.7302,
-10.9958

■ 61.1470, 10.7735,
44.5981

■ 131.4510, -4.1663,
-17.0585

■ 54.2340, 12.2096,
50.6608

■ 138.3640, -5.6025,
-23.1212

■ 47.3210, 13.6457,
56.7235


■ 145.2770, -7.0386,
-29.1839

■ 41.6960, 14.9399,

■ 152.7770, -8.7641,

61.6566

-35.7614

 159.6900,
-10.2002, -41.8241

Harmonies

Analogous

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



95.4980, 8.1355, 3.9483



96.2990, 3.3036, 13.7698



96.1380, -2.5330, 19.1730

Triad

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



96.2990, 3.3036, 13.7698



93.1720, -10.9308, 5.9882



89.5500, 9.0959, -24.1613

Complementary

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



96.2990, 3.3036, 13.7698



102.7010, -3.3036, -13.7698

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.



89.4810, 3.7069, -22.3468



96.2990, 3.3036, 13.7698



92.2030, -7.9881, -4.5630

Square

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



96.2990, 3.3036, 13.7698



94.6290, -10.6631, 13.4804



90.5160, -2.7194, -14.4845



91.5660, 11.5530, -18.9134

Rectangle

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



96.2990, 3.3036, 13.7698



95.9270, -5.8800, 19.3580



90.5160, -2.7194, -14.4845



89.7950, 7.4961, -24.3762

Sweetspot

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



96.2990, 3.3036, 13.7698



138.7880, 1.5835, 5.4479



92.5410, 9.5933, 3.0335



70.2500, 0.8628, 3.2887



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.2990, 3.3036, 13.7698



120.5110, 5.1711, 21.4769



94.9310, -1.9380, 14.9695



52.2500, 0.8628, 3.2888



44.6580, 15.9446, 66.0749



91.8650, 32.6046, 136.0534

Inverse Universe

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



96.2990, 3.3036, 13.7698



120.5110, 5.1711, 21.4769



104.0690, 1.9380, -14.9695



52.2500, 0.8628, 3.2888



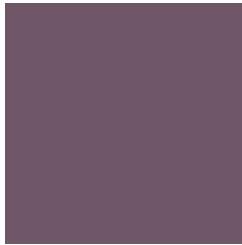
44.6580, 15.9446, 66.0749



91.8650, 32.6046, 136.0534

Previews

White Background



This preview shows how the YUV color 96.2990, 3.3036, 13.7698 looks on a white background.

Color Contrast Check

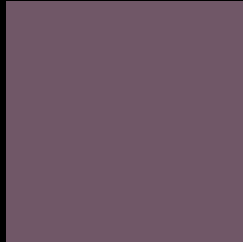
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.2990, 3.3036, 13.7698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

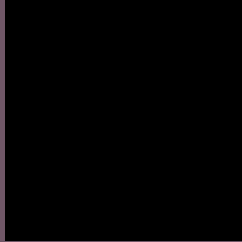
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.2990, 3.3036, 13.7698

Background



This preview shows how black text looks on a background with the YUV color 96.2990, 3.3036, 13.7698.



This preview shows how white text looks on a background with the YUV color 96.2990, 3.3036, 13.7698.

13.7698.

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

96.2990, 3.3036, 13.7698

Protanopia

94.8840, 5.9732, -2.5293

Deuteranopia

95.5320, 3.1887, 3.9184



Tritanopia

95.6750, -0.3328, 13.4400

Trichromacy



Original Color

96.2990, 3.3036, 13.7698

Protanomaly

95.1020, 5.3727, 3.4185

Deuteranomaly

95.5540, 3.1779, 7.4071

Tritanomaly

96.0170, 0.9776, 13.1401

Monochromacy



Original Color

96.2990, 3.3036, 13.7698

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3750, 1.2941, 4.9331

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2990, 3.3036, 13.7698 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(112, 87, 103)` looks like.

```
.text, #text, p{  
    color:rgb(112, 87, 103)  
}
```

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(112, 87, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 87, 103) }
```

Border

The CSS property to change the border of an element to YUV 96.2990, 3.3036, 13.7698 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(112, 87, 103) }
```


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

```
.border{ border-color:rgb(112, 87, 103) }
```

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

Here you see how a box with a 4 pixel rgb(112, 87, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 87, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 87, 103);  
box-shadow:4px 4px 4px 4px rgb(112, 87,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 96.2990, 3.3036, 13.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 87, 103) }
```

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

```
.background{ background-color: rgb(112, 87,  
103) }
```

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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