

Converting Colors

YUV(97.3760, 6.7166, 39.1352)

Have a look what the booklet for
YUV(97.3760, 6.7166, 39.1352)
contains.

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Color

**YUV(97.3760, 6.7166,
39.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	8E486F
RGB	142, 72, 111
RGB Percent	56%, 28%, 44%
CMY	0.4431, 0.7176, 0.5647
CMYK	0.00, 0.49, 0.22, 0.44
HSL	327°, 33%, 42%
HSV	327°, 49%, 56%
XYZ	16.3419, 11.5332, 16.4037
YIQ	97.3760, 29.2010, 26.9690

Conversions

Conversions Part 2

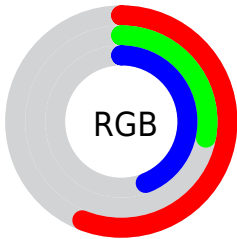
Format	Color
R_{YB}	142, 72, 111
Decimal	9324655
CIE Lab	40.46, 34.65, -9.07
CIE LCh	40, 35.816, 345.334
Yxy	11.5332, 0.3691, 0.2605
Android (android.graphics.Color)	4287514735 (0xFF8E486F)
YUV	97.3760, 6.7166, 39.1352
Hunter-Lab	33.9606, 26.4637, -4.8660

Details

The YUV color **97.3760, 6.7166, 39.1352** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.6240, -6.7166, -39.1352**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6860, 6.5638, 41.4944**, and **47.2940, 7.7431, 36.5762** is the 20% darker color. If you saturate the color by 10%, you get **88.4740, 8.1473, 46.9423**, and if you desaturate by 10%, it is **106.2780, 5.2859, 31.3282**.

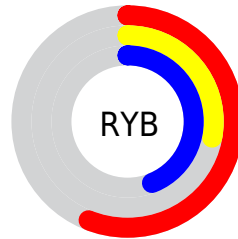
Distribution



Red (56%)

Green (28%)

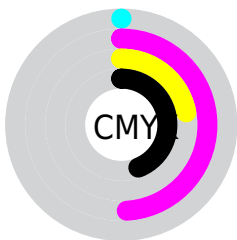
Blue (44%)



Red (56%)

Yellow (28%)

Blue (44%)

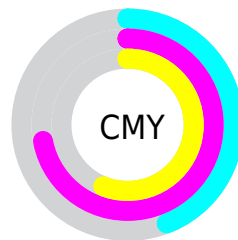


Cyan (0%)

Magenta (49%)

Yellow (22%)

Black (44%)



Cyan (44%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3760, 6.7166, 39.1352 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 97.3760, 6.7166, 39.1352 by changing the saturation by 10% instead.

97.3760, 6.7166,
39.1352

97.3760, 6.7166,
39.1352

255.0000, 0.0000,
0.0000

72.4790, 7.1589,
37.2909

149.6860, 6.5638,
41.4944

47.2940, 7.7431,
36.5762

176.6970, 6.5584,
43.2387

23.8100, 8.4747,
35.2466

204.4090, 6.7004,
44.3683

15.5500, 2.6869,
24.9507

224.0370, 10.8278,
27.1546

0.0000, 0.0000,
0.0000

242.0860, 6.3666,
11.3256

97.3760, 6.7166,
39.1352

97.3760, 6.7166,
39.1352

88.4740, 8.1473,
46.9423

106.2780, 5.2859,
31.3282

79.4580, 9.1412,
54.8493

115.2940, 4.2921,
23.4212

69.9690, 10.8613,
63.1712

124.7830, 2.5720,
15.0993

61.0670, 12.2920,
70.9782

133.6850, 1.1413,
7.2923

52.1650, 13.7227,
78.7853

142.5870, -0.2894,
-0.5148

51.4640, 13.5752,
79.4001

151.6030, -1.2833,
-8.4218

160.5050, -2.7140,
-16.2289

169.9940, -4.4340,

-24.5507

■ 179.0100, -5.4279,
-32.4578

Harmonies

Analogous

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



98.7350, 18.8646, 16.0184



97.3760, 6.7166, 39.1352



95.1740, -6.9878, 48.0824

Triad

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



97.3760, 6.7166, 39.1352



91.5190, -27.3709, 5.6838



78.9000, 28.1503, -69.1953

Complementary

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



97.3760, 6.7166, 39.1352



116.6240, -6.7166, -39.1352

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.



77.1100, 16.2148, -67.6255



97.3760, 6.7166, 39.1352



86.9980, -17.2540, -19.2922

Square

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



97.3760, 6.7166, 39.1352



93.5370, -27.8727, 26.7161



73.1030, 3.4002, -64.1113



77.7890, 36.5860, -68.2210

Rectangle

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



97.3760, 6.7166, 39.1352



95.1600, -15.8549, 45.4637



73.1030, 3.4002, -64.1113



78.5750, 24.3665, -68.9103

Sweetspot

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



97.3760, 6.7166, 39.1352



166.0820, 2.4246, 15.7141



88.9500, 26.1536, 11.4448



81.1090, 1.4253, 9.5514



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



97.3760, 6.7166, 39.1352



114.5450, 10.5773, 60.9120



93.5000, -8.1345, 42.5345



66.5490, 0.7153, 3.9035



48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Inverse Universe

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



97.3760, 6.7166, 39.1352



114.5450, 10.5773, 60.9120



120.5000, 8.1345, -42.5345



66.5490, 0.7153, 3.9035



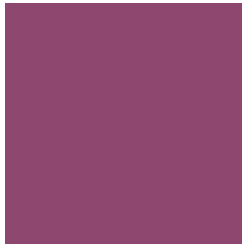
48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 97.3760, 6.7166, 39.1352 looks on a white background.

Color Contrast Check

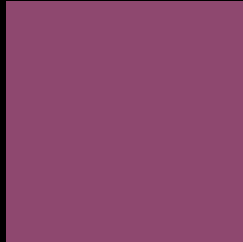
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3760, 6.7166, 39.1352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

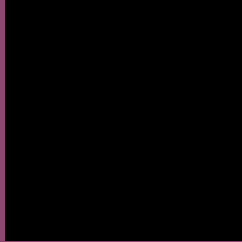
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3760, 6.7166, 39.1352

Background



This preview shows how black text looks on a background with the YUV color 97.3760, 6.7166, 39.1352.



This preview shows how white text looks on a background with the YUV color 97.3760, 6.7166, 39.1352.

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

97.3760, 6.7166, 39.1352

Protanopia

96.2560, 15.1568, -8.1175

Deuteranopia

96.6890, 5.0833, 2.9037



Tritanopia

96.8090, -6.8078, 37.0015

Trichromacy



Original Color

97.3760, 6.7166, 39.1352

Protanomaly

96.8560, 11.9030, 8.8963

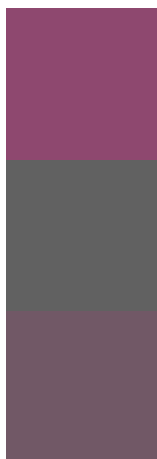
Deuteranomaly

96.5920, 5.6241, 16.1438

Tritanomaly

97.0740, -2.0085, 37.6461

Monochromacy



Original Color

97.3760, 6.7166, 39.1352

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3760, 6.7166, 39.1352 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(142, 72, 111)` looks like.

```
.text, #text, p{  
    color:rgb(142, 72, 111)  
}
```

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(142, 72, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 72, 111) }
```

Border

The CSS property to change the border of an element to YUV 97.3760, 6.7166, 39.1352 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(142, 72, 111) }
```


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

```
.border{ border-color:rgb(142, 72, 111) }
```

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

Here you see how a box with a 4 pixel rgb(142, 72, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 72, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 72, 111);  
box-shadow:4px 4px 4px 4px rgb(142, 72,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 97.3760, 6.7166, 39.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 72, 111) }
```

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

```
.background{ background-color: rgb(142, 72,  
111) }
```

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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