

Converting Colors

YUV(107.4480, 0.7651, 34.6871)

Have a look what the booklet for
YUV(107.4480, 0.7651, 34.6871)
contains.

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Color

**YUV(107.4480, 0.7651,
34.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	93576D
RGB	147, 87, 109
RGB Percent	58%, 34%, 43%
CMY	0.4235, 0.6588, 0.5725
CMYK	0.00, 0.41, 0.26, 0.42
HSL	338°, 26%, 46%
HSV	338°, 41%, 58%
XYZ	18.2011, 14.1236, 16.2348
YIQ	107.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

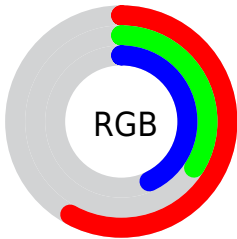
Format	Color
R_{YB}	147, 87, 109
Decimal	9656173
CIE Lab	44.41, 27.81, -1.90
CIE LCh	44, 27.876, 356.093
Yxy	14.1236, 0.3748, 0.2909
Android (android.graphics.Color)	4287846253 (0xFF93576D)
YUV	107.4480, 0.7651, 34.6871
Hunter-Lab	37.5813, 20.6826, 0.6942

Details

The YUV color **107.4480, 0.7651, 34.6871** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.5520, -0.7651, -34.6871**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6440, 0.1755, 37.1462**, and **58.3660, 1.7916, 32.1280** is the 20% darker color. If you saturate the color by 10%, you get **97.6170, 1.1748, 43.3089**, and if you desaturate by 10%, it is **117.2790, 0.3555, 26.0653**.

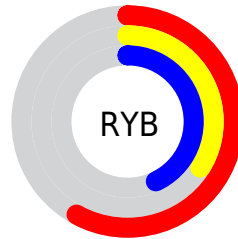
Distribution



Red (58%)

Green (34%)

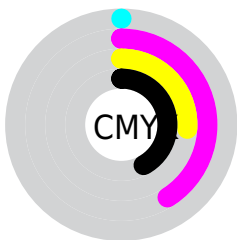
Blue (43%)



Red (58%)

Yellow (34%)

Blue (43%)

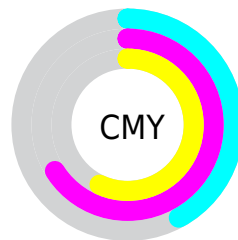


Cyan (0%)

Magenta (41%)

Yellow (26%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.4480, 0.7651, 34.6871 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 107.4480, 0.7651, 34.6871 by changing the saturation by 10% instead.


 107.4480, 0.7651,
34.6871

 107.4480, 0.7651,
34.6871

255.0000, 0.0000,
0.0000


 82.5510, 1.2074,
32.8428


 159.6440, 0.1755,
37.1462


 58.3660, 1.7916,
32.1280


 187.2420, -0.1193,
38.3758

 34.5830, 2.6706,
30.1837

 213.4590, 0.7597,
36.4315

 15.9200, 1.5184,
26.3802

 233.2010, 5.3239,
19.1177

 2.9900, -1.4741,
6.1478

 251.4780, 1.7363,
3.0888

 0.0000, 0.0000,
0.0000

■ 107.4480, 0.7651,
34.6871

■ 107.4480, 0.7651,
34.6871

■ 97.6170, 1.1748,
43.3089

■ 117.2790, 0.3555,
26.0653

■ 88.2590, 0.8583,
51.5159

■ 126.6370, 0.6720,
17.8584

■ 78.4280, 1.2680,
60.1376

■ 136.4680, 0.2623,
9.2366

■ 68.5970, 1.6777,
68.7594

■ 146.2990, -0.1474,
0.6148

■ 59.2390, 1.3612,
76.9664

■ 156.2440, -0.1203,
-8.1070

■ 50.1090, 1.9183,
84.9734

■ 165.4880, -0.2406,
-16.2140

■ 175.3190, -0.6503,
-24.8358

■ 185.1500, -1.0599,

-33.4575

■ 194.5080, -0.7434,
-41.6645

Harmonies

Analogous

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



108.1070, 11.2862, 20.0772



107.4480, 0.7651, 34.6871



106.3100, -10.0128, 38.3161

Triad

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



107.4480, 0.7651, 34.6871



101.2390, -19.3448, -1.9636



87.4060, 27.4078, -64.3771

Complementary

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



107.4480, 0.7651, 34.6871



126.5520, -0.7651, -34.6871

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.



82.9290, 20.7410, -72.7287



107.4480, 0.7651, 34.6871



97.9250, -9.8230, -22.7362

Square

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



107.4480, 0.7651, 34.6871



103.8500, -22.6040, 16.7946



91.8540, 4.5090, -46.3530



100.0450, 25.1208, -30.7345

Rectangle

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



107.4480, 0.7651, 34.6871



105.6810, -16.1117, 34.4828



91.8540, 4.5090, -46.3530



83.2370, 26.9982, -72.9988

Sweetspot

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



107.4480, 0.7651, 34.6871



175.9030, 0.5408, 13.2401



105.2020, 20.6064, 17.3628



87.7560, 0.1203, 8.1070



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



107.4480, 0.7651, 34.6871



129.6830, 1.1423, 53.7750



109.6360, -11.1595, 32.7682



69.3210, -0.1583, 4.1035



46.9620, 1.4977, 79.8403



3.4460, 0.2731, 5.7479

Inverse Universe

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



107.4480, 0.7651, 34.6871



129.6830, 1.1423, 53.7750



124.3640, 11.1595, -32.7682



69.3210, -0.1583, 4.1035



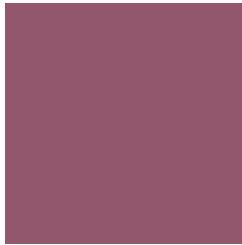
46.9620, 1.4977, 79.8403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 107.4480, 0.7651, 34.6871 looks on a white background.

Color Contrast Check

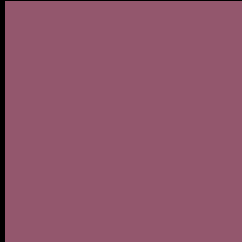
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4480, 0.7651, 34.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

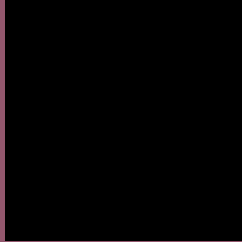
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4480, 0.7651, 34.6871

Background



This preview shows how black text looks on a background with the YUV color 107.4480, 0.7651, 34.6871.



This preview shows how white text looks on a background with the YUV color 107.4480, 0.7651,

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

107.4480, 0.7651, 34.6871

Protanopia

106.1120, 6.8468, -2.7292

Deuteranopia

106.3430, -0.1691, 7.5922



Tritanopia

106.8410, -5.3446, 34.3424

Trichromacy



Original Color

107.4480, 0.7651, 34.6871

Protanomaly

106.3310, 4.7668, 11.1107

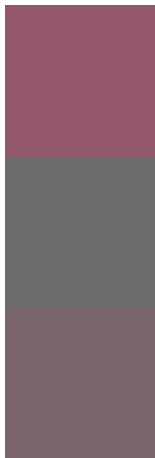
Deuteranomaly

107.1100, -0.0542, 17.4435

Tritanomaly

106.8240, -2.8712, 34.3574

Monochromacy



Original Color

107.4480, 0.7651, 34.6871

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.4900, 0.2514, 12.7253

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4480, 0.7651, 34.6871 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(147, 87, 109)` looks like.

```
.text, #text, p{  
    color:rgb(147, 87, 109)  
}
```

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(147, 87, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 87, 109) }
```

Border

The CSS property to change the border of an element to YUV 107.4480, 0.7651, 34.6871 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(147, 87, 109) }
```


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

```
.border{ border-color:rgb(147, 87, 109) }
```

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

Here you see how a box with a 4 pixel rgb(147, 87, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 87, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 87, 109);  
box-shadow:4px 4px 4px 4px rgb(147, 87,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 107.4480, 0.7651, 34.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 87, 109) }
```

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

```
.background{ background-color: rgb(147, 87,  
109) }
```

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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