

Converting Colors

YUV(107.3680, -4.6184,
34.7573)

Have a look what the booklet for
YUV(107.3680, -4.6184, 34.7573)
contains.

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Color

**YUV(107.3680, -4.6184,
34.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	935962
RGB	147, 89, 98
RGB Percent	58%, 35%, 38%
CMY	0.4235, 0.6510, 0.6157
CMYK	0.00, 0.39, 0.33, 0.42
HSL	351°, 25%, 46%
HSV	351°, 39%, 58%
XYZ	17.8096, 14.2296, 13.3632
YIQ	107.3680, 31.6790, 15.0950

Conversions

Conversions Part 2

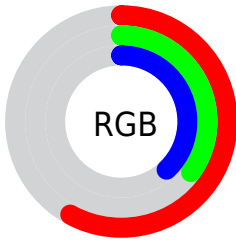
Format	Color
R _Y B	147, 89, 98
Decimal	9656674
CIE Lab	44.56, 25.08, 5.02
CIE LCh	45, 25.578, 11.327
Yxy	14.2296, 0.3923, 0.3134
Android (android.graphics.Color)	4287846754 (0xFF935962)
YUV	107.3680, -4.6184, 34.7573
Hunter-Lab	37.7222, 18.2605, 5.4019

Details

The YUV color **107.3680, -4.6184, 34.7573** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.6320, 4.6184, -34.7573**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8630, -5.3555, 37.8311**, and **58.6880, -3.2972, 30.9686** is the 20% darker color. If you saturate the color by 10%, you get **97.1950, -5.5191, 43.6790**, and if you desaturate by 10%, it is **117.5410, -3.7177, 25.8355**.

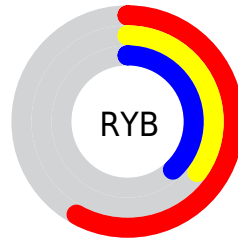
Distribution



Red (58%)

Green (35%)

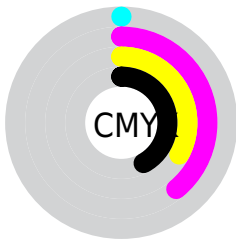
Blue (38%)



Red (58%)

Yellow (35%)

Blue (38%)

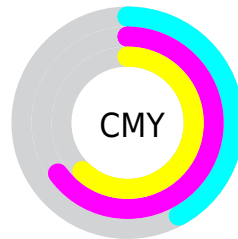


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3680, -4.6184, 34.7573 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 107.3680, -4.6184, 34.7573 by changing the saturation by 10% instead.

■ 107.3680, -4.6184,
34.7573

■ 107.3680, -4.6184,
34.7573

■ 255.0000, 0.0000,
0.0000

■ 82.4710, -4.1762,
32.9129

■ 159.8630, -5.3555,
37.8311

■ 58.6880, -3.2972,
30.9686

■ 186.4610, -5.6503,
39.0607

■ 35.3180, -2.1288,
29.5391

■ 213.2650, -5.0606,
36.6016

■ 14.4380, -4.1599,
27.6799

■ 232.8930, -0.9332,
19.3878

■ 1.1960, -0.5896,
2.4591

■ 252.6520, 1.1576,
2.0592

■ 0.0000, 0.0000,
0.0000

■ 107.3680, -4.6184,
34.7573

■ 107.3680, -4.6184,
34.7573

■ 97.1950, -5.5191,
43.6790

■ 117.5410, -3.7177,
25.8355

■ 87.4950, -7.1460,
52.1859

■ 127.2410, -2.0908,
17.3286

■ 77.3220, -8.0467,
61.1076

■ 137.4140, -1.1901,
8.4069

■ 67.0350, -9.3843,
70.1293

■ 147.7010, 0.1474,
-0.6148

■ 57.4490, -10.5744,
78.5362

■ 157.8740, 1.0481,
-9.5365

■ 47.1620, -11.9119,
87.5579

■ 167.5740, 2.6750,
-18.0434

■ 46.5750, -11.6225,
88.0727

■ 177.7470, 3.5757,
-26.9651

■ 187.9200, 4.4764,

-35.8868

■ 197.6200, 6.1033,
-44.3937

Harmonies

Analogous

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



108.6580, 5.5916, 26.6099



107.3680, -4.6184, 34.7573



106.5390, -14.0697, 32.8533

Triad

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



107.3680, -4.6184, 34.7573



100.3780, -13.4974, -10.8555



97.5340, 23.4007, -39.0563

Complementary

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



107.3680, -4.6184, 34.7573



128.6320, 4.6184, -34.7573

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.



89.5440, 21.4238, -58.3591



107.3680, -4.6184, 34.7573



97.0040, -2.9600, -30.6985

Square

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



107.3680, -4.6184, 34.7573



103.4790, -19.9561, 7.4729



91.7270, 10.4876, -50.6266



104.7050, 20.8514, -14.6503

Rectangle

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



107.3680, -4.6184, 34.7573



105.4690, -17.9792, 26.7757



91.7270, 10.4876, -50.6266



94.7780, 23.2804, -47.1633

Sweetspot

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



107.3680, -4.6184, 34.7573



175.3330, -1.6432, 13.7400



109.9640, 18.2587, 23.7106



87.4140, -1.1901, 8.4069



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.



107.3680, -4.6184, 34.7573



129.5060, -7.1515, 53.9302



117.4950, -14.0480, 25.8759



69.2070, -0.5951, 4.2035



43.6560, -11.1694, 82.7397



3.2180, -0.6005, 5.9478

Inverse Universe

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



107.3680, -4.6184, 34.7573



129.5060, -7.1515, 53.9302



118.5050, 14.0480, -25.8759



69.2070, -0.5951, 4.2035



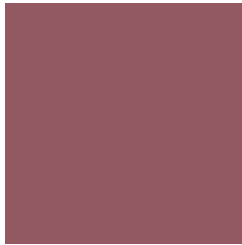
43.6560, -11.1694, 82.7397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 107.3680, -4.6184, 34.7573 looks on a white background.

Color Contrast Check

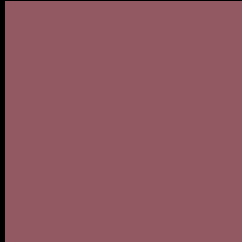
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.3680, -4.6184, 34.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

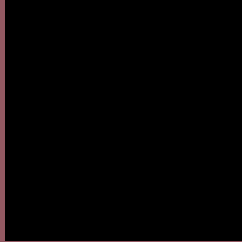
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.3680, -4.6184, 34.7573

Background



This preview shows how black text looks on a background with the YUV color 107.3680, -4.6184, 34.7573.



This preview shows how white text looks on a background with the YUV color 107.3680, -4.6184,

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

107.3680, -4.6184, 34.7573

Protanopia

105.8260, 0.5788, 1.0296

Deuteranopia

106.6980, -5.2741, 11.6659



Tritanopia

107.1400, -5.4920, 34.9572

Trichromacy



Original Color

107.3680, -4.6184, 34.7573

Protanomaly

106.4470, -1.2064, 13.6400

Deuteranomaly

106.8670, -4.8644, 20.2876

Tritanomaly

107.2540, -5.0552, 34.8572

Monochromacy



Original Color

107.3680, -4.6184, 34.7573

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3680, -4.6184, 34.7573 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, 89, 98)` looks like.

```
.text, #text, p{  
    color:rgb(147, 89, 98)  
}
```

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, 89, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 89, 98) }
```

Border

The CSS property to change the border of an element to YUV 107.3680, -4.6184, 34.7573 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, 89, 98) }
```


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

```
.border{ border-color:rgb(147, 89, 98) }
```

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

Here you see how a box with a 4 pixel rgb(147, 89, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 89, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 89, 98);  
box-shadow:4px 4px 4px 4px rgb(147, 89,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 107.3680, -4.6184, 34.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 89, 98) }
```

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

```
.background{ background-color: rgb(147, 89,  
98) }
```

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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