

Converting Colors

YUV(107.7360, 0.6232, 33.5575)

Have a look what the booklet for
YUV(107.7360, 0.6232, 33.5575)
contains.

YUV(107.7360, 0.6232, 33.5575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.7360, 0.6232,
33.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	92586D
RGB	146, 88, 109
RGB Percent	57%, 35%, 43%
CMY	0.4275, 0.6549, 0.5725
CMYK	0.00, 0.40, 0.25, 0.43
HSL	338°, 25%, 46%
HSV	338°, 40%, 57%
XYZ	18.1041, 14.1946, 16.2536
YIQ	107.7360, 27.8270, 18.8270

Conversions

Conversions Part 2

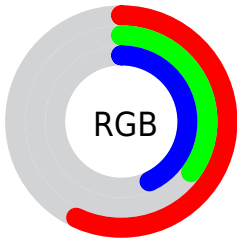
Format	Color
R _Y B	146, 88, 109
Decimal	9590893
CIE Lab	44.51, 26.86, -1.77
CIE LCh	45, 26.920, 356.239
Yxy	14.1946, 0.3729, 0.2924
Android (android.graphics.Color)	4287780973 (0xFF92586D)
YUV	107.7360, 0.6232, 33.5575
Hunter-Lab	37.6757, 19.8413, 0.7947

Details

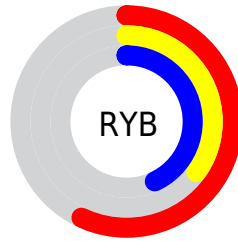
The YUV color **107.7360, 0.6232, 33.5575** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.2640, -0.6232, -33.5575**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9320, 0.0335, 36.0166**, and **59.2410, 1.3602, 30.4836** is the 20% darker color. If you saturate the color by 10%, you get **97.9050, 1.0328, 42.1793**, and if you desaturate by 10%, it is **117.5670, 0.2135, 24.9357**.

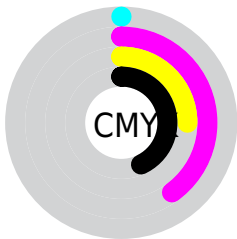
Distribution



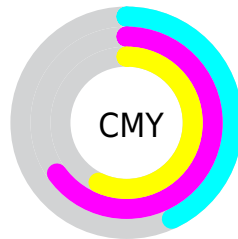
- Red (57%)
- Green (35%)
- Blue (43%)



- Red (57%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (43%)



- Cyan (43%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7360, 0.6232, 33.5575 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 107.7360, 0.6232, 33.5575 by changing the saturation by 10% instead.

■ 107.7360, 0.6232,
33.5575

■ 107.7360, 0.6232,
33.5575

■ 255.0000, 0.0000,
0.0000

■ 82.8390, 1.0654,
31.7132

■ 159.9320, 0.0335,
36.0166

■ 59.2410, 1.3602,
30.4836

■ 187.5300, -0.2613,
37.2462

■ 35.1700, 2.3812,
29.6689

■ 214.0460, 0.4703,
35.9167

■ 15.6210, 1.6658,
25.7654

■ 233.7880, 5.0345,
18.6029

■ 2.3920, -1.1793,
4.9182

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

107.7360, 0.6232,
33.5575

107.7360, 0.6232,
33.5575

97.9050, 1.0328,
42.1793

117.5670, 0.2135,
24.9357

88.5470, 0.7163,
50.3863

126.9250, 0.5300,
16.7288

78.7160, 1.1260,
59.0081

136.7560, 0.1203,
8.1070

69.4720, 1.2463,
67.1151

146.0000, 0.0000,
0.0000

59.5270, 1.2192,
75.8368

155.9450, 0.0271,
-8.7218

49.6960, 1.6289,
84.4586

165.7760, -0.3826,
-17.3436

175.0200, -0.5029,
-25.4505

184.9650, -0.4757,

-34.1723

■ 194.2090, -0.5960,
-42.2793

Harmonies

Analogous

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



108.5800, 10.5601, 19.6623



107.7360, 0.6232, 33.5575



106.7120, -9.7180, 37.0866

Triad

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



107.7360, 0.6232, 33.5575



101.7660, -18.6186, -1.5488



90.5810, 25.3496, -57.5145

Complementary

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



107.7360, 0.6232, 33.5575



126.2640, -0.6232, -33.5575

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.



84.6090, 19.4198, -68.9401



107.7360, 0.6232, 33.5575



98.4520, -9.0968, -22.3214

Square

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



107.7360, 0.6232, 33.5575



104.0780, -21.7305, 16.5946



93.1640, 4.3561, -43.9938



100.5290, 24.3892, -29.4049

Rectangle

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



107.7360, 0.6232, 33.5575



106.0830, -15.8169, 33.2532



93.1640, 4.3561, -43.9938



86.4120, 24.9399, -66.1363

Sweetspot

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



107.7360, 0.6232, 33.5575



173.7890, 0.1040, 13.3400



105.6750, 19.8802, 16.9480



85.4570, 0.2677, 7.4922



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



107.7360, 0.6232, 33.5575



128.9710, 1.0003, 52.6454



110.0380, -10.8647, 31.5387



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.



107.7360, 0.6232, 33.5575



128.9710, 1.0003, 52.6454



123.9620, 10.8647, -31.5387



69.3210, -0.1583, 4.1035



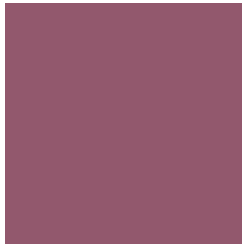
46.9620, 1.4977, 79.8403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 107.7360, 0.6232, 33.5575 looks on a white background.

Color Contrast Check

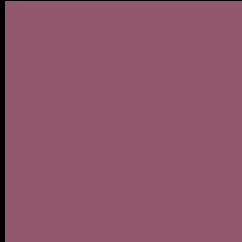
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.7360, 0.6232, 33.5575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

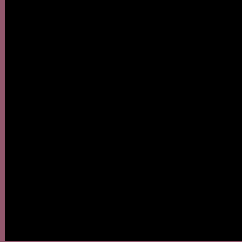
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.7360, 0.6232, 33.5575

Background



This preview shows how black text looks on a background with the YUV color 107.7360, 0.6232, 33.5575.



This preview shows how white text looks on a background with the YUV color 107.7360, 0.6232,

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

107.7360, 0.6232, 33.5575

Protanopia

106.2970, 6.2626, -2.0145

Deuteranopia

106.3430, -0.1691, 7.5922



Tritanopia

107.2430, -5.0498, 33.1129

Trichromacy



Original Color

107.7360, 0.6232, 33.5575

Protanomaly

106.8040, 4.0406, 10.6959

Deuteranomaly

106.8110, 0.0932, 16.8288

Tritanomaly

107.1120, -3.0132, 33.2278

Monochromacy



Original Color

107.7360, 0.6232, 33.5575

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0770, -0.0380, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7360, 0.6232, 33.5575 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(146, 88, 109)` looks like.

```
.text, #text, p{  
    color:rgb(146, 88, 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(146, 88, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 88, 109) }
```

Border

The CSS property to change the border of an element to YUV 107.7360, 0.6232, 33.5575 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(146, 88, 109) }
```


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

```
.border{ border-color:rgb(146, 88, 109) }
```

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

Here you see how a box with a 4 pixel rgb(146, 88, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 88, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 88, 109);  
box-shadow:4px 4px 4px 4px rgb(146, 88,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 107.7360, 0.6232, 33.5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 88, 109) }
```

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

```
.background{ background-color: rgb(146, 88,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor