

Converting Colors

YUV(107.6610, 17.9151,
40.6393)

Have a look what the booklet for
YUV(107.6610, 17.9151, 40.6393)
contains.

| | |
|--|----|
| YUV(107.6610, 17.9151, 40.6393) | 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(107.6610, 17.9151,
40.6393)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9A4D90 |
| RGB | 154, 77, 144 |
| RGB Percent | 60%, 30%, 56% |
| CMY | 0.3961, 0.6980, 0.4353 |
| CMYK | 0.00, 0.50, 0.06, 0.40 |
| HSL | 308°, 33%, 45% |
| HSV | 308°, 50%, 60% |
| XYZ | 21.0143, 14.1914, 28.0172 |
| YIQ | 107.6610, 24.3850, 37.1610 |

Conversions

Conversions Part 2

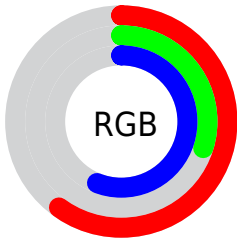
| Format | Color |
|-------------------------------------|--|
| RYB | 154, 77, 144 |
| Decimal | 10112400 |
| CIELab | 44.51, 41.54, -22.89 |
| CIElCh | 45, 47.426, 331.144 |
| Yxy | 14.1914, 0.3324, 0.2245 |
| Android (android.graphics.Color) | 4288302480 (0xFF9A4D90) |
| YUV | 107.6610, 17.9151, 40.6393 |
| Hunter-Lab | 37.6715, 33.6479, -17.7254 |

Details

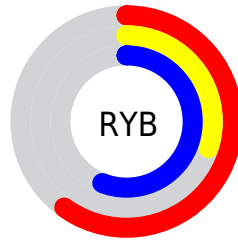
The YUV color **107.6610, 17.9151, 40.6393** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3390, -17.9151, -40.6393**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0850, 18.1991, 42.8985**, and **55.4760, 18.4993, 39.9245** is the 20% darker color. If you saturate the color by 10%, you get **98.6280, 21.3824, 48.5612**, and if you desaturate by 10%, it is **116.6940, 14.4479, 32.7174**.

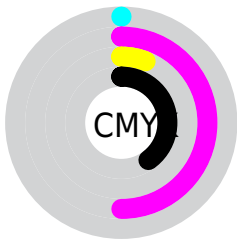
Distribution



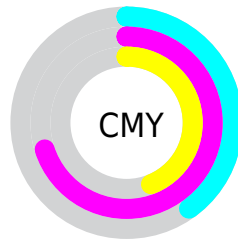
- Red (60%)
- Green (30%)
- Blue (56%)



- Red (60%)
- Yellow (30%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (40%)



- Cyan (40%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6610, 17.9151, 40.6393 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 107.6610, 17.9151, 40.6393 by changing the saturation by 10% instead.

■ 107.6610, 17.9151,
40.6393

■ 107.6610, 17.9151,
40.6393

■ 255.0000, 0.0000,
0.0000

■ 81.9490, 17.7731,
39.5097

■ 161.0850, 18.1991,
42.8985

■ 55.4760, 18.4993,
39.9245

■ 188.7970, 18.3411,
44.0280

■ 30.2910, 19.0835,
39.2098

■ 212.7360, 20.8362,
37.0655

■ 20.6070, 13.0117,
26.6547

■ 229.1720, 12.7332,
22.6512

■ 10.4390, 7.6716,
12.7700

■ 246.1950, 4.3409,
7.7220

■ 0.0000, 0.0000,
0.0000

107.6610, 17.9151,
40.6393

107.6610, 17.9151,
40.6393

98.6280, 21.3824,
48.5612

116.6940, 14.4479,
32.7174

89.0080, 25.1391,
56.9980

126.3140, 10.6912,
24.2806

79.9750, 28.6063,
64.9199

135.3470, 7.2239,
16.3587

70.3550, 32.3630,
73.3567

144.9670, 3.4673,
7.9219

61.3220, 35.8303,
81.2786


154.0000, 0.0000,
0.0000

163.0330, -3.4673,
-7.9219

172.6530, -7.2239,
-16.3587

181.6860,

-10.6912, -24.2806

 191.3060,
-14.4479, -32.7174

Harmonies

Analogous

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



106.8930, 32.5908, 0.0938



107.6610, 17.9151, 40.6393



103.6240, 0.6784, 62.5968

Triad

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



107.6610, 17.9151, 40.6393



99.9480, -41.3864, 21.0936



88.7310, 27.7406, -77.8171

Complementary

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



107.6610, 17.9151, 40.6393



123.3390, -17.9151, -40.6393

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.



84.8720, 10.4161, -74.4327



107.6610, 17.9151, 40.6393



96.1550, -32.1214, -10.6599

Square

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



107.6610, 17.9151, 40.6393



102.4640, -33.7528, 46.0741



82.9220, -8.8355, -59.5676



89.6890, 41.5653, -78.6573

Rectangle

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



107.6610, 17.9151, 40.6393



102.7200, -11.6940, 64.2666



82.9220, -8.8355, -59.5676



87.9500, 22.2096, -77.1321

Sweetspot

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



107.6610, 17.9151, 40.6393



183.0480, 7.3713, 15.7439



88.4690, 32.3068, -2.1653



91.2060, 4.3354, 9.4663



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



107.6610, 17.9151, 40.6393



128.8500, 28.1750, 63.2756



103.4430, 1.7536, 44.3385



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Inverse Universe

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



107.6610, 17.9151, 40.6393



128.8500, 28.1750, 63.2756



127.5570, -1.7536, -44.3385



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 107.6610, 17.9151, 40.6393 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 107.6610, 17.9151, 40.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

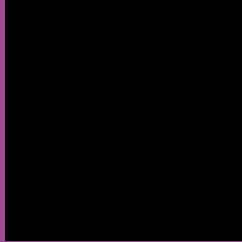
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.6610, 17.9151, 40.6393

Background



This preview shows how black text looks on a background with the YUV color 107.6610, 17.9151, 40.6393.



This preview shows how white text looks on a background with the YUV color 107.6610, 17.9151,

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

107.6610, 17.9151, 40.6393

Protanopia

104.7890, 30.1770, -19.1090

Deuteranopia

106.1960, 16.1724, -7.1879



Tritanopia

106.7380, -5.7868, 36.1868

Trichromacy



Original Color

107.6610, 17.9151, 40.6393

Protanomaly

105.7810, 25.7440, 2.8231

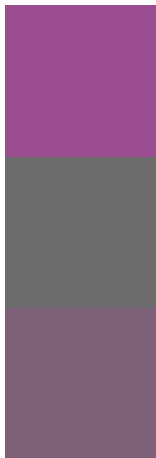
Deuteranomaly

106.5340, 16.9917, 10.0557

Tritanomaly

107.0400, 2.9383, 37.6759

Monochromacy



Original Color

107.6610, 17.9151, 40.6393

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1080, 6.3558, 14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6610, 17.9151, 40.6393 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(154, 77, 144)` looks like.

```
.text, #text, p{  
    color:rgb(154, 77, 144)  
}
```

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(154, 77, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 77, 144) }
```

Border

The CSS property to change the border of an element to YUV 107.6610, 17.9151, 40.6393 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(154, 77, 144) }
```


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

```
.border{ border-color:rgb(154, 77, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 77, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 77, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 77, 144);  
box-shadow:4px 4px 4px 4px rgb(154, 77,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 107.6610, 17.9151, 40.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 77, 144) }
```

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

```
.background{ background-color: rgb(154, 77,  
144) }
```

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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