

Converting Colors

YUV(117.3690, 10.6641,
33.0024)

Have a look what the booklet for
YUV(117.3690, 10.6641, 33.0024)
contains.

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Color

**YUV(117.3690, 10.6641,
33.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5E8B
RGB	155, 94, 139
RGB Percent	61%, 37%, 55%
CMY	0.3922, 0.6314, 0.4549
CMYK	0.00, 0.39, 0.10, 0.39
HSL	316°, 24%, 49%
HSV	316°, 39%, 61%
XYZ	22.1805, 16.8380, 26.5071
YIQ	117.3690, 21.9110, 26.9270

Conversions

Conversions Part 2

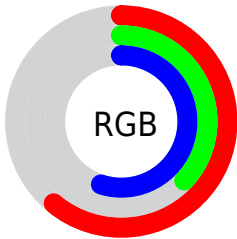
Format	Color
R_{YB}	155, 94, 139
Decimal	10182283
CIE _{Lab}	48.06, 31.73, -14.44
CIE _{LCh}	48, 34.863, 335.530
Yxy	16.8380, 0.3385, 0.2570
Android (android.graphics.Color)	4288372363 (0xFF9B5E8B)
YUV	117.3690, 10.6641, 33.0024
Hunter-Lab	41.0342, 24.6759, -9.5760

Details

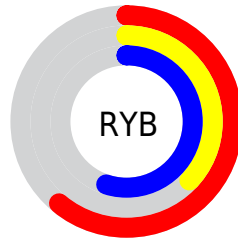
The YUV color **117.3690, 10.6641, 33.0024** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.6310, -10.6641, -33.0024**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7930, 10.9481, 35.2615**, and **67.0590, 10.8169, 30.6433** is the 20% darker color. If you saturate the color by 10%, you get **108.1080, 13.2578, 41.1243**, and if you desaturate by 10%, it is **127.2170, 7.7810, 24.3657**.

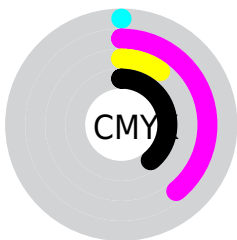
Distribution



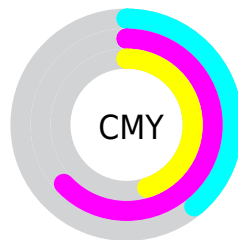
- Red (61%)
- Green (37%)
- Blue (55%)



- Red (61%)
- Yellow (37%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (10%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3690, 10.6641, 33.0024 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 117.3690, 10.6641, 33.0024 by changing the saturation by 10% instead.

■ 117.3690, 10.6641,
33.0024

■ 117.3690, 10.6641,
33.0024

■ 255.0000, 0.0000,
0.0000

■ 91.6570, 10.5221,
31.8728

■ 170.7930, 10.9481,
35.2615

■ 67.0590, 10.8169,
30.6433

■ 198.0920, 10.8006,
35.8763

■ 43.3470, 10.6749,
29.5137

■ 222.0310, 13.2957,
28.9138

■ 20.7490, 10.9697,
28.2841

■ 239.7380, 7.5242,
13.3848

■ 12.1900, 5.3293,
17.3734

■ 0.0000, 0.0000,
0.0000

■ 117.3690, 10.6641,
33.0024

■ 117.3690, 10.6641,
33.0024

■ 108.1080, 13.2578,
41.1243

■ 127.2170, 7.7810,
24.3657

■ 98.2600, 16.1408,
49.7610

■ 136.4780, 5.1873,
16.2438

■ 88.9990, 18.7345,
57.8829

■ 145.7390, 2.5937,
8.1219

■ 79.1510, 21.6176,
66.5196

■ 155.5870, -0.2894,
-0.5148

■ 69.8900, 24.2112,
74.6415

■ 164.8480, -2.8831,
-8.6367

■ 60.0420, 27.0943,
83.2782


■ 174.6960, -5.7661,
-17.2734

■ 59.3410, 26.9469,
83.8929

■ 184.5440, -8.6492,
-25.9101

■ 193.9190,

-10.8061, -34.1320

 203.7670,
-13.6891, -42.7687

Harmonies

Analogous

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



116.5920, 22.3861, 6.4968



117.3690, 10.6641, 33.0024



115.9010, -2.9092, 46.5678

Triad

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



117.3690, 10.6641, 33.0024



111.0470, -28.1242, 13.9908



91.8940, 27.1673, -80.5910

Complementary

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



117.3690, 10.6641, 33.0024



131.6310, -10.6641, -33.0024

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.



89.2890, 14.6475, -78.3065



117.3690, 10.6641, 33.0024



107.7280, -21.0649, -10.2855

Square

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



117.3690, 10.6641, 33.0024



113.4500, -25.8578, 33.8084



101.7380, -6.2798, -39.2352



91.8260, 37.0608, -80.5314

Rectangle

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



117.3690, 10.6641, 33.0024



114.7950, -12.2239, 47.5378



101.7380, -6.2798, -39.2352



91.4550, 22.9467, -80.2060

Sweetspot

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



117.3690, 10.6641, 33.0024



186.2280, 4.3246, 12.9550



105.4390, 24.4336, 3.1230



93.3260, 2.3043, 7.6071



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.



117.3690, 10.6641, 33.0024



143.0860, 16.7196, 50.7906



113.9490, -2.4399, 36.0017



71.9620, 1.0047, 4.4183



53.6020, 24.3532, 75.7710



4.9130, 2.0149, 7.0923

Inverse Universe

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



117.3690, 10.6641, 33.0024



143.0860, 16.7196, 50.7906



135.0510, 2.4399, -36.0017



71.9620, 1.0047, 4.4183



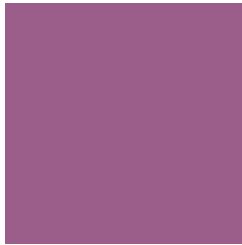
53.6020, 24.3532, 75.7710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 117.3690, 10.6641, 33.0024 looks on a white background.

Color Contrast Check

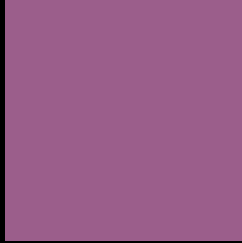
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.3690, 10.6641, 33.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

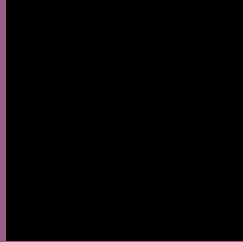
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.3690, 10.6641, 33.0024

Background



This preview shows how black text looks on a background with the YUV color 117.3690, 10.6641, 33.0024.



This preview shows how white text looks on a background with the YUV color 117.3690, 10.6641,

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

117.3690, 10.6641, 33.0024

Protanopia

114.5700, 18.9460, -10.1469

Deuteranopia

115.6330, 10.0409, -0.5551



Tritanopia

116.1610, -4.0234, 30.5538

Trichromacy



Original Color

117.3690, 10.6641, 33.0024

Protanomaly

115.5720, 15.9870, 5.6374

Deuteranomaly

116.1230, 10.2924, 12.1701

Tritanomaly

116.5400, 1.2128, 31.0984

Monochromacy



Original Color

117.3690, 10.6641, 33.0024

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.4020, 3.7458, 11.9254

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3690, 10.6641, 33.0024 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(155, 94, 139)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 139)  
}
```

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(155, 94, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 139) }
```

Border

The CSS property to change the border of an element to YUV 117.3690, 10.6641, 33.0024 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(155, 94, 139) }
```


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

```
.border{ border-color:rgb(155, 94, 139) }
```

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

Here you see how a box with a 4 pixel rgb(155, 94, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 139);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 117.3690, 10.6641, 33.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 139) }
```

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

```
.background{ background-color: rgb(155, 94,  
139) }
```

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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