

Converting Colors

YUV(111.7250, 0.6286, 31.8132)

Have a look what the booklet for
YUV(111.7250, 0.6286, 31.8132)
contains.

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Color

**YUV(111.7250, 0.6286,
31.8132)**

Conversions

Conversions Part 1

Format	Color
Hex	945D71
RGB	148, 93, 113
RGB Percent	58%, 36%, 44%
CMY	0.4196, 0.6353, 0.5569
CMYK	0.00, 0.37, 0.24, 0.42
HSL	338°, 23%, 47%
HSV	338°, 37%, 58%
XYZ	19.1077, 15.3169, 17.5721
YIQ	111.7250, 26.3600, 17.8800

Conversions

Conversions Part 2

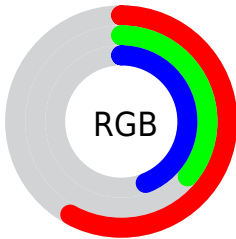
Format	Color
R_{YB}	148, 93, 113
Decimal	9723249
CIE _{Lab}	46.07, 25.38, -1.88
CIE _{LCh}	46, 25.452, 355.763
Yxy	15.3169, 0.3675, 0.2946
Android (android.graphics.Color)	4287913329 (0xFF945D71)
YUV	111.7250, 0.6286, 31.8132
Hunter-Lab	39.1368, 18.6597, 0.7749

Details

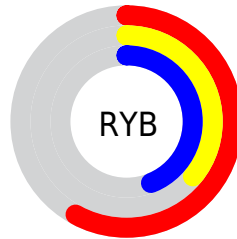
The YUV color **111.7250, 0.6286, 31.8132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.2750, -0.6286, -31.8132**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0350, 0.4757, 34.1723**, and **62.5290, 1.2182, 29.3541** is the 20% darker color. If you saturate the color by 10%, you get **101.8940, 1.0383, 40.4350**, and if you desaturate by 10%, it is **121.5560, 0.2189, 23.1914**.

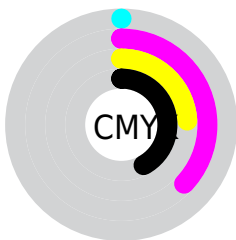
Distribution



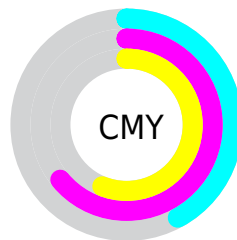
- Red (58%)
- Green (36%)
- Blue (44%)



- Red (58%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (42%)





- Cyan (42%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7250, 0.6286, 31.8132 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 111.7250, 0.6286, 31.8132 by changing the saturation by 10% instead.


 111.7250, 0.6286,
31.8132


 111.7250, 0.6286,
31.8132

255.0000, 0.0000,
0.0000

 86.8280, 1.0708,
29.9688

 164.0350, 0.4757,
34.1723


 62.5290, 1.2182,
29.3541


 191.6330, 0.1809,
35.4019

 39.6320, 1.6604,
27.5097

 217.5510, 1.2074,
32.8428

 16.6750, 3.1182,
26.5950

 237.7660, 5.0454,
15.1142

 5.6810, -2.8007,
11.6808

 0.0000, 0.0000,
0.0000

■ 111.7250, 0.6286,
31.8132

■ 111.7250, 0.6286,
31.8132

■ 101.8940, 1.0383,
40.4350

■ 121.5560, 0.2189,
23.1914

■ 91.9490, 1.0111,
49.1567

■ 131.5010, 0.2460,
14.4696

■ 82.7050, 1.1314,
57.2637

■ 140.7450, 0.1257,
6.3626

■ 72.7600, 1.1043,
65.9855

■ 150.6900, 0.1528,
-2.3591

■ 62.9290, 1.5140,
74.6073

■ 160.5210, -0.2569,
-10.9809

■ 52.9840, 1.4869,
83.3290

■ 170.4660, -0.2297,
-19.7027

■ 50.4080, 1.7709,
85.5882

■ 180.2970, -0.6394,
-28.3245

■ 189.5410, -0.7597,

-36.4315

 199.4860, -0.7326,
-45.1532

Harmonies

Analogous

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



111.8680, 10.4181, 18.5328



111.7250, 0.6286, 31.8132



110.8150, -9.2758, 35.2422

Triad

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



111.7250, 0.6286, 31.8132



105.4070, -17.4557, -1.2339



97.9410, 22.7071, -49.9373

Complementary

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



111.7250, 0.6286, 31.8132



129.2750, -0.6286, -31.8132

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.



94.1870, 16.1768, -55.4150



111.7250, 0.6286, 31.8132



102.7620, -9.2497, -19.9623

Square

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



111.7250, 0.6286, 31.8132



108.0070, -20.7095, 15.7799



98.2570, 3.3243, -39.6904



105.0840, 22.6366, -27.2607

Rectangle

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



111.7250, 0.6286, 31.8132



109.7130, -14.6485, 31.8237



98.2570, 3.3243, -39.6904



95.5660, 21.4130, -54.8704

Sweetspot

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



111.7250, 0.6286, 31.8132



177.1910, 0.3988, 12.1105



109.7350, 18.8646, 16.0184



88.4570, 0.2677, 7.4922



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.



111.7250, 0.6286, 31.8132



134.2480, 0.8637, 49.7715



113.5540, -10.1331, 30.2091



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.



111.7250, 0.6286, 31.8132



134.2480, 0.8637, 49.7715



127.4460, 10.1331, -30.2091



69.3210, -0.1583, 4.1035



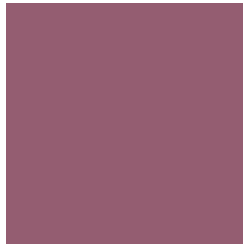
46.9620, 1.4977, 79.8403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 111.7250, 0.6286, 31.8132 looks on a white background.

Color Contrast Check

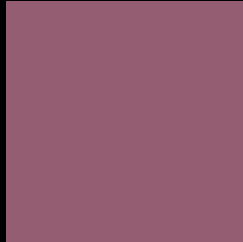
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7250, 0.6286, 31.8132 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 111.7250, 0.6286, 31.8132

Background



This preview shows how black text looks on a background with the YUV color 111.7250, 0.6286, 31.8132.



This preview shows how white text looks on a background with the YUV color 111.7250, 0.6286,

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

111.7250, 0.6286, 31.8132

Protanopia

110.2970, 6.2626, -2.0145

Deuteranopia

110.4570, 0.2677, 7.4922



Tritanopia

111.3460, -4.6076, 31.2686

Trichromacy



Original Color

111.7250, 0.6286, 31.8132

Protanomaly

110.8040, 4.0406, 10.6959

Deuteranomaly

110.9250, 0.5300, 16.7288

Tritanomaly

111.2150, -2.5710, 31.3834

Monochromacy



Original Color

111.7250, 0.6286, 31.8132

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7250, 0.6286, 31.8132 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(148, 93, 113)` looks like.

```
.text, #text, p{  
    color:rgb(148, 93, 113)  
}
```

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(148, 93, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 93, 113) }
```

Border

The CSS property to change the border of an element to YUV 111.7250, 0.6286, 31.8132 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(148, 93, 113) }
```


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

```
.border{ border-color:rgb(148, 93, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 93, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 93, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 93, 113); box-shadow:4px 4px 4px 4px rgb(148, 93, 113) }
```

Background

The CSS property to change the background color of an element to YUV 111.7250, 0.6286, 31.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 93, 113) }
```

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

```
.background{ background-color: rgb(148, 93,  
113) }
```

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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