

Converting Colors

YUV(123.7270, 7.5296, 11.6404)

Have a look what the booklet for
YUV(123.7270, 7.5296, 11.6404)
contains.

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Color

**YUV(123.7270, 7.5296,
11.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	89728B
RGB	137, 114, 139
RGB Percent	54%, 45%, 55%
CMY	0.4627, 0.5529, 0.4549
CMYK	0.01, 0.18, 0.00, 0.45
HSL	295°, 10%, 50%
HSV	295°, 18%, 55%
XYZ	20.9940, 19.2171, 27.0289
YIQ	123.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

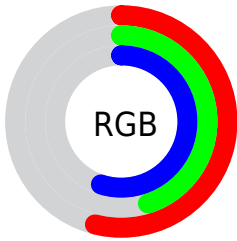
Format	Color
R_{YB}	137, 114, 139
Decimal	9007755
CIE _{Lab}	50.94, 13.71, -10.28
CIE _{LCh}	51, 17.135, 323.128
Yxy	19.2171, 0.3122, 0.2858
Android (android.graphics.Color)	4287197835 (0xFF89728B)
YUV	123.7270, 7.5296, 11.6404
Hunter-Lab	43.8373, 8.7699, -5.8705

Details

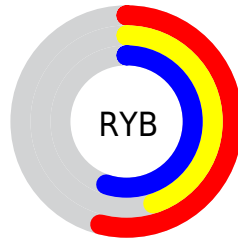
The YUV color **123.7270, 7.5296, 11.6404** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.2730, -7.5296, -11.6404**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4390, 7.6716, 12.7700**, and **74.9010, 6.9508, 10.6108** is the 20% darker color. If you saturate the color by 10%, you get **115.2100, 11.7285, 18.2328**, and if you desaturate by 10%, it is **132.2440, 3.3307, 5.0480**.

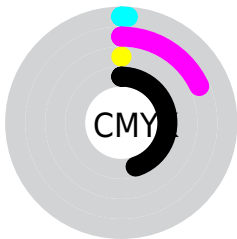
Distribution



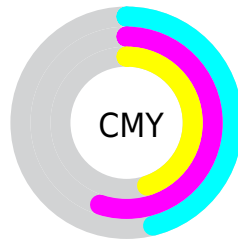
- Red (54%)
- Green (45%)
- Blue (55%)



- Red (54%)
- Yellow (45%)
- Blue (55%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7270, 7.5296, 11.6404 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 123.7270, 7.5296, 11.6404 by changing the saturation by 10% instead.

■ 123.7270, 7.5296,
11.6404

■ 123.7270, 7.5296,
11.6404

■ 255.0000, 0.0000,
0.0000

■ 98.4280, 7.6770,
11.0256

■ 176.4390, 7.6716,
12.7700

■ 74.9010, 6.9508,
10.6108

■ 203.5530, 8.1084,
12.6700

■ 52.1890, 6.8088,
9.4812

■ 231.9660, 8.3978,
13.1848

■ 30.6620, 6.0826,
9.0664

■ 252.0650, 1.4470,
2.5740

■ 9.4990, 6.6560,
11.8404

■ 0.0000, 0.0000,
0.0000

123.7270, 7.5296,
11.6404

123.7270, 7.5296,
11.6404

115.2100, 11.7285,
18.2328

132.2440, 3.3307,
5.0480

106.6930, 15.9274,
24.8252

140.7610, -0.8682,
-1.5444

98.1760, 20.1262,
31.4176

149.2780, -5.0671,
-8.1368

89.6590, 24.3251,
38.0101

157.7950, -9.2659,
-14.7292

81.4300, 28.3820,
43.4729

166.0240,
-13.3228, -20.1920

72.9130, 32.5809,
50.0653

174.5410,
-17.5217, -26.7845

64.3960, 36.7798,
56.6577

183.0580,
-21.7206, -33.3769

55.8790, 40.9787,

191.5750,

63.2501

-25.9195, -39.9693

■ 54.1180, 41.8468,
64.7945

■ 200.0920,
-30.1184, -46.5617

Harmonies

Analogous

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



122.3060, 12.6671, -2.8994



123.7270, 7.5296, 11.6404



123.6590, 0.6611, 21.3471

Triad

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



123.7270, 7.5296, 11.6404



121.1190, -13.8627, 13.0506



114.6910, 8.5333, -30.4240

Complementary

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



123.7270, 7.5296, 11.6404



129.2730, -7.5296, -11.6404

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.



115.6720, 0.6547, -23.3913



123.7270, 7.5296, 11.6404



119.3840, -12.5143, 0.5402

Square

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



123.7270, 7.5296, 11.6404



122.1570, -11.4164, 21.7873



117.9740, -7.3822, -12.2552



116.0810, 13.7641, -28.1350

Rectangle

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



123.7270, 7.5296, 11.6404



123.4160, -4.1491, 24.1912



117.9740, -7.3822, -12.2552



115.3060, 5.7651, -29.2094

Sweetspot

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



123.7270, 7.5296, 11.6404



175.4180, 2.7519, 4.0184



118.0240, 10.3412, -3.5290



88.1790, 1.8838, 2.4740



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



123.7270, 7.5296, 11.6404



156.6230, 12.0179, 18.7476



123.1850, 2.8668, 13.8698



64.5920, 2.1731, 2.9888



51.6400, 40.1105, 61.7057



2.0650, 1.4470, 2.5740

Inverse Universe

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



121.7030, -2.8116, 15.1695



153.3020, -4.5859, 24.2911



129.8150, -2.8668, -13.8698



64.2070, -0.5951, 4.2035



41.0210, -14.8004, 80.6656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 123.7270, 7.5296, 11.6404 looks on a white background.

Color Contrast Check

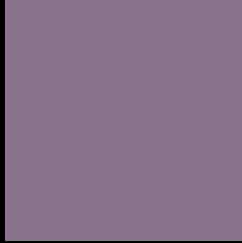
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 123.7270, 7.5296, 11.6404 looks on a black 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

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

YUV 123.7270, 7.5296, 11.6404

Background



This preview shows how black text looks on a background with the YUV color 123.7270, 7.5296, 11.6404.



This preview shows how white text looks on a background with the YUV color 123.7270, 7.5296,

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

123.7270, 7.5296, 11.6404

Protanopia

121.7250, 10.4886, -4.1438

Deuteranopia

122.3730, 7.7041, 2.3039



Tritanopia

122.7070, 1.1304, 10.7810

Trichromacy



Original Color

123.7270, 7.5296, 11.6404

Protanomaly

122.5300, 9.5987, 1.2892

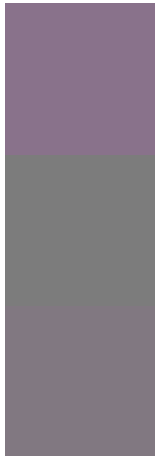
Deuteranomaly

122.9820, 7.4039, 5.2778

Tritanomaly

122.9890, 3.4564, 11.4106

Monochromacy



Original Color

123.7270, 7.5296, 11.6404

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7270, 7.5296, 11.6404 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(137, 114, 139)` looks like.

```
.text, #text, p{  
    color:rgb(137, 114, 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(137, 114, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 114, 139) }
```

Border

The CSS property to change the border of an element to YUV 123.7270, 7.5296, 11.6404 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(137, 114, 139) }
```


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

```
.border{ border-color:rgb(137, 114, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 114, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 114, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 114, 139);  
box-shadow:4px 4px 4px 4px rgb(137, 114,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 123.7270, 7.5296, 11.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 114, 139) }
```

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

```
.background{ background-color: rgb(137,  
114, 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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