

Converting Colors

YUV(97.2470, 12.2032, 5.9224)

Have a look what the booklet for
YUV(97.2470, 12.2032, 5.9224)
contains.

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Color

**YUV(97.2470, 12.2032,
5.9224)**

Conversions

Conversions Part 1

Format	Color
Hex	68597A
RGB	104, 89, 122
RGB Percent	41%, 35%, 48%
CMY	0.5922, 0.6510, 0.5216
CMYK	0.15, 0.27, 0.00, 0.52
HSL	267°, 16%, 41%
HSV	267°, 27%, 48%
XYZ	12.7942, 11.4930, 19.9564
YIQ	97.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

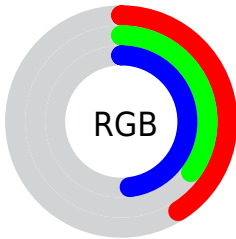
Format	Color
R_{YB}	104, 89, 122
Decimal	6838650
CIE _{Lab}	40.40, 13.15, -16.37
CIE _{LCh}	40, 20.996, 308.780
Yxy	11.4930, 0.2892, 0.2598
Android (android.graphics.Color)	4285028730 (0xFF68597A)
YUV	97.2470, 12.2032, 5.9224
Hunter-Lab	33.9013, 8.0377, -11.1709

Details

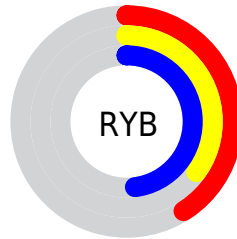
The YUV color **97.2470, 12.2032, 5.9224** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **113.7530, -12.2032, -5.9224**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7740, 12.9294, 6.3372**, and **50.3070, 11.1876, 4.9928** is the 20% darker color. If you saturate the color by 10%, you get **88.1100, 16.7078, 7.7965**, and if you desaturate by 10%, it is **106.3840, 7.6987, 4.0482**.

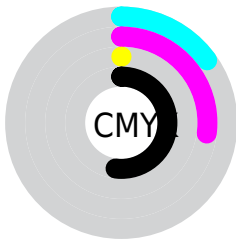
Distribution



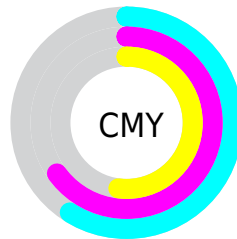
- Red (41%)
- Green (35%)
- Blue (48%)



- Red (41%)
- Yellow (35%)
- Blue (48%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2470, 12.2032, 5.9224 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 97.2470, 12.2032, 5.9224 by changing the saturation by 10% instead.

■ 97.2470, 12.2032,
5.9224

■ 97.2470, 12.2032,
5.9224

■ 255.0000, 0.0000,
0.0000

■ 73.7200, 11.4770,
5.5076

■ 147.7740, 12.9294,
6.3372

■ 50.3070, 11.1876,
4.9928

■ 174.3010, 13.6556,
6.7520

■ 29.4810, 10.6089,
3.9632

■ 202.3010, 13.6556,
6.7520

■ 8.2040, 10.7454,
6.8371

■ 229.6710, 12.4872,
8.1815

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,
3.0888

97.2470, 12.2032,
5.9224

97.2470, 12.2032,
5.9224

88.1100, 16.7078,
7.7965

106.3840, 7.6987,
4.0482

79.2720, 21.0649,
10.2855

115.2220, 3.3416,
1.5593

69.5480, 25.8588,
12.6744

124.9460, -1.4524,
-0.8296

60.4110, 30.3634,
14.5486

134.0830, -5.9569,
-2.7038

51.5730, 34.7205,
17.0375

142.9210,
-10.3141, -5.1927

42.4360, 39.2251,
18.9116

152.0580,
-14.8186, -7.0669

33.2990, 43.7296,
20.7858


161.1950,
-19.3231, -8.9410

30.3530, 45.1820,

170.6200,

21.6154

-23.9697, -11.9447

 179.7570,
-28.4742, -13.8189

Harmonies

Analogous

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



94.3910, 17.0622, -12.6209



97.2470, 12.2032, 5.9224



97.7990, 5.0291, 20.3473

Triad

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



97.2470, 12.2032, 5.9224



95.4080, -15.4841, 19.8132



86.1910, 6.8078, -37.0015

Complementary

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



97.2470, 12.2032, 5.9224



113.7530, -12.2032, -5.9224

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.



89.2330, -3.5659, -23.0063



97.2470, 12.2032, 5.9224



93.8040, -16.1724, 7.1879

Square

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



97.2470, 12.2032, 5.9224



96.4180, -10.5591, 26.8204



91.8560, -11.7610, -7.7667



85.6340, 14.9704, -41.7750

Rectangle

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



97.2470, 12.2032, 5.9224



97.1650, -0.0813, 26.1653



91.8560, -11.7610, -7.7667



87.3010, 3.3026, -32.7130

Sweetspot

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



97.2470, 12.2032, 5.9224



148.2760, 4.7939, 2.3889



103.3280, 9.2053, -12.5657



73.1080, 2.9048, 1.6593



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



97.2470, 12.2032, 5.9224



120.5770, 18.4495, 9.1410



102.0310, 9.8447, 15.7588



56.5810, 2.1786, 1.2445



31.2930, 46.1976, 22.5450



63.1130, 93.1213, 45.5049

Inverse Universe

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



100.9190, 2.9979, 18.4880



126.0280, 4.4232, 28.0394



108.9690, -9.8447, -15.7588



57.1360, 0.4260, 3.3887



45.1270, 11.2764, 70.0486



91.0800, 23.1316, 141.1268

Previews

White Background



This preview shows how the YUV color 97.2470, 12.2032, 5.9224 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 97.2470, 12.2032, 5.9224 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 97.2470, 12.2032, 5.9224

Background



This preview shows how black text looks on a background with the YUV color 97.2470, 12.2032, 5.9224.

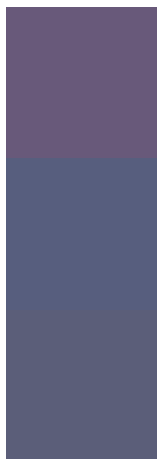


This preview shows how white text looks on a background with the YUV color 97.2470, 12.2032,

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

97.2470, 12.2032, 5.9224

Protanopia

95.5550, 15.0094, -7.5027

Deuteranopia

96.1810, 12.2358, -4.5437



Tritanopia

95.8910, 2.0257, 3.6036

Trichromacy



Original Color

97.2470, 12.2032, 5.9224

Protanomaly

96.0610, 14.2669, -2.6845

Deuteranomaly

96.5020, 12.0775, -0.4403

Tritanomaly

96.5150, 5.6621, 3.9333

Monochromacy



Original Color

97.2470, 12.2032, 5.9224

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2470, 12.2032, 5.9224 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(104, 89, 122)` looks like.

```
.text, #text, p{  
    color:rgb(104, 89, 122)  
}
```

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(104, 89, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 89, 122) }
```

Border

The CSS property to change the border of an element to YUV 97.2470, 12.2032, 5.9224 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(104, 89, 122) }
```


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

```
.border{ border-color:rgb(104, 89, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 89, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 89, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 89, 122);  
box-shadow:4px 4px 4px 4px rgb(104, 89,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 97.2470, 12.2032, 5.9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 89, 122) }
```

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

```
.background{ background-color: rgb(104, 89,  
122) }
```

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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