

Converting Colors

YUV(59.5110, 12.0731, 47.7869)

Have a look what the booklet for
YUV(59.5110, 12.0731, 47.7869)
contains.

YUV(59.5110, 12.0731, 47.7869)	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(59.5110, 12.0731,
47.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	721B54
RGB	114, 27, 84
RGB Percent	45%, 11%, 33%
CMY	0.5529, 0.8941, 0.6706
CMYK	0.00, 0.76, 0.26, 0.55
HSL	321°, 62%, 28%
HSV	321°, 76%, 45%
XYZ	8.9316, 5.0014, 8.8821
YIQ	59.5110, 33.5550, 36.1710

Conversions

Conversions Part 2

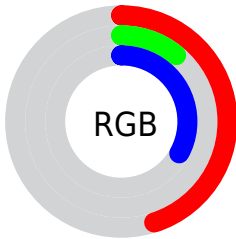
Format	Color
RYB	114, 27, 84
Decimal	7478100
CIELab	26.74, 43.10, -13.05
CIELCh	27, 45.032, 343.152
Yxy	5.0014, 0.3915, 0.2192
Android (android.graphics.Color)	4285668180 (0xFF721B54)
YUV	59.5110, 12.0731, 47.7869
Hunter-Lab	22.3637, 32.1525, -7.8934

Details

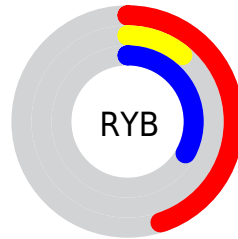
The YUV color **59.5110, 12.0731, 47.7869** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **81.4890, -12.0731, -47.7869**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7670, 10.4679, 49.3163**, and **22.9840, 7.8959, 34.2170** is the 20% darker color. If you saturate the color by 10%, you get **52.5980, 13.5092, 53.8496**, and if you desaturate by 10%, it is **66.4240, 10.6370, 41.7242**.

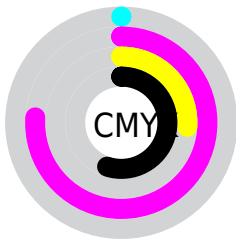
Distribution



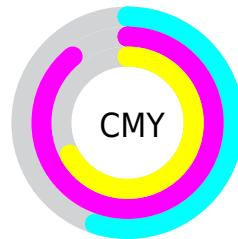
- Red (45%)
- Green (11%)
- Blue (33%)



- Red (45%)
- Yellow (11%)
- Blue (33%)



- Cyan (0%)
- Magenta (76%)
- Yellow (26%)
- Black (55%)





- Cyan (55%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 59.5110, 12.0731, 47.7869 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 59.5110, 12.0731, 47.7869 by changing the saturation by 10% instead.

 59.5110, 12.0731,
47.7869


 59.5110, 12.0731,
47.7869


255.0000, 0.0000,
0.0000


 33.2660, 13.6729,
48.0017

 112.7670, 10.4679,
49.3163


 22.9840, 7.8959,
34.2170


 139.3650, 10.1731,
50.5459

 13.7130, 2.1135,
22.1767

 166.3760, 10.1676,
52.2902

 0.0000, 0.0000,
0.0000

 194.0880, 10.3096,
53.4198

 213.7160, 14.4370,
36.2061

 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

59.5110, 12.0731,
47.7869

59.5110, 12.0731,
47.7869

52.5980, 13.5092,
53.8496

66.4240, 10.6370,
41.7242

45.0980, 15.2347,
60.4271

73.9240, 8.9115,
35.1467

42.6360, 15.9555,
62.5862

80.8370, 7.4754,
29.0840

88.3370, 5.7499,
22.5065

95.2500, 4.3137,
16.4438

■ 102.1630, 2.8776,
10.3810

■ 109.6630, 1.1521,
3.8035

■ 116.4620, -0.7208,
-2.1592

■ 123.9620, -2.4463,
-8.7367

Harmonies

Analogous

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



64.8150, 24.2482, 15.9482



59.5110, 12.0731, 47.7869



55.3910, -2.6578, 59.2931

Triad

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



59.5110, 12.0731, 47.7869



58.1770, -28.6813, 5.9838



57.7390, 25.7647, -50.6371

Complementary

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



59.5110, 12.0731, 47.7869



81.4890, -12.0731, -47.7869

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.



54.6780, 11.4977, -47.9526



59.5110, 12.0731, 47.7869



50.1730, -22.7633, -25.5847

Square

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



59.5110, 12.0731, 47.7869



59.8040, -29.4834, 29.9899



49.9870, -3.9376, -43.8386



57.5570, 35.2214, -50.4775

Rectangle

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



59.5110, 12.0731, 47.7869



56.9700, -14.2822, 54.4003



49.9870, -3.9376, -43.8386



57.1860, 21.1073, -50.1521

Sweetspot

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



59.5110, 12.0731, 47.7869



126.6740, 4.5977, 18.7029



45.5890, 33.7266, 9.1304



60.8750, 3.0196, 11.5106



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



59.5110, 12.0731, 47.7869



62.8100, 18.8277, 74.7116



54.7230, -6.2724, 51.9859



52.2500, 0.8628, 3.2888



44.8860, 16.8182, 65.8750



92.3210, 34.3517, 135.6535

Inverse Universe

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



59.5110, 12.0731, 47.7869



62.8100, 18.8277, 74.7116



86.2770, 6.2724, -51.9859



52.2500, 0.8628, 3.2888



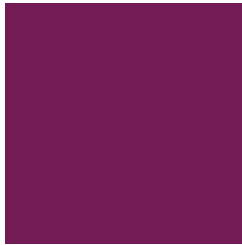
44.8860, 16.8182, 65.8750



92.3210, 34.3517, 135.6535

Previews

White Background



This preview shows how the YUV color 59.5110, 12.0731, 47.7869 looks on a white background.

Color Contrast Check

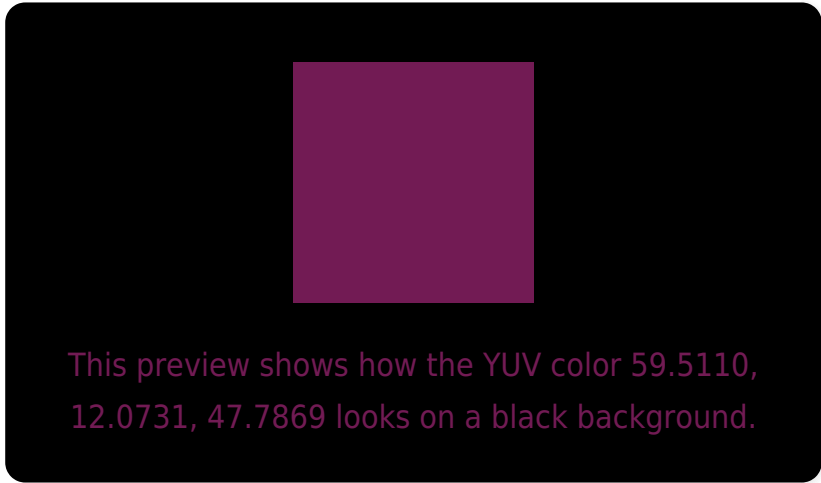
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

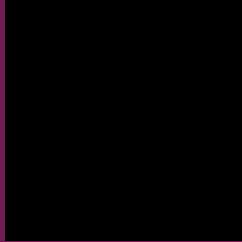
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5110, 12.0731, 47.7869

Background



This preview shows how black text looks on a background with the YUV color 59.5110, 12.0731, 47.7869.



This preview shows how white text looks on a background with the YUV color 59.5110, 12.0731,

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

59.5110, 12.0731, 47.7869

Protanopia

62.7910, 23.7670, -16.4797

Deuteranopia

65.1230, 6.8414, -0.9849



Tritanopia

61.5710, -9.1555, 43.3492

Trichromacy



Original Color

59.5110, 12.0731, 47.7869

Protanomaly

61.4950, 19.4760, 6.5819

Deuteranomaly

63.1020, 8.8237, 16.5735

Tritanomaly

60.6450, -1.3040, 45.0383

Monochromacy



Original Color

59.5110, 12.0731, 47.7869

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5110, 12.0731, 47.7869 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(114, 27, 84)` looks like.

```
.text, #text, p{  
    color:rgb(114, 27, 84)  
}
```

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(114, 27, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 27, 84) }
```

Border

The CSS property to change the border of an element to YUV 59.5110, 12.0731, 47.7869 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(114, 27, 84) }
```


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

```
.border{ border-color:rgb(114, 27, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 27, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 27, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 27, 84);  
box-shadow:4px 4px 4px 4px rgb(114, 27,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 59.5110, 12.0731, 47.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 27, 84) }
```

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

```
.background{ background-color: rgb(114, 27,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor