

Converting Colors

YUV(64.5930, 11.0467, 50.3459)

Have a look what the booklet for
YUV(64.5930, 11.0467, 50.3459)
contains.

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Color

**YUV(64.5930, 11.0467,
50.3459)**

Conversions

Conversions Part 1

Format	Color
Hex	7A1F57
RGB	122, 31, 87
RGB Percent	48%, 12%, 34%
CMY	0.5216, 0.8784, 0.6588
CMYK	0.00, 0.75, 0.29, 0.52
HSL	323°, 59%, 30%
HSV	323°, 75%, 48%
XYZ	10.2363, 5.8057, 9.5979
YIQ	64.5930, 36.2600, 36.7080

Conversions

Conversions Part 2

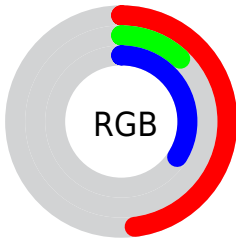
Format	Color
R_{YB}	122, 31, 87
Decimal	8003415
CIE Lab	28.92, 44.28, -11.57
CIE LCh	29, 45.767, 345.361
Yxy	5.8057, 0.3992, 0.2264
Android (android.graphics.Color)	4286193495 (0xFF7A1F57)
YUV	64.5930, 11.0467, 50.3459
Hunter-Lab	24.0950, 33.6665, -6.7509

Details

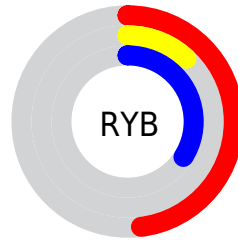
The YUV color **64.5930, 11.0467, 50.3459** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **88.4070, -11.0467, -50.3459**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8490, 9.4414, 51.8754**, and **25.4190, 8.1744, 38.2205** is the 20% darker color. If you saturate the color by 10%, you get **56.9790, 12.3354, 57.0234**, and if you desaturate by 10%, it is **72.2070, 9.7579, 43.6685**.

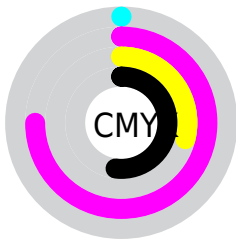
Distribution



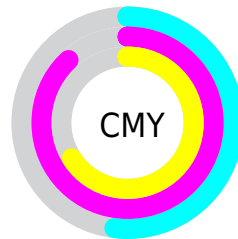
- Red (48%)
- Green (12%)
- Blue (34%)



- Red (48%)
- Yellow (12%)
- Blue (34%)



- Cyan (0%)
- Magenta (75%)
- Yellow (29%)
- Black (52%)





- Cyan (52%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.5930, 11.0467, 50.3459 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 64.5930, 11.0467, 50.3459 by changing the saturation by 10% instead.


 64.5930, 11.0467,
50.3459


 64.5930, 11.0467,
50.3459

255.0000, 0.0000,
0.0000

 35.7010, 13.9514,
52.0052

 117.8490, 9.4414,
51.8754


 25.4190, 8.1744,
38.2205


 144.7460, 8.9992,
53.7198

 16.4470, 2.2446,
26.7950

 172.3440, 8.7044,
54.9493

 0.0000, 0.0000,
0.0000

 197.3650, 10.1731,
50.5459

 217.1070, 14.7372,
33.2322

 234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

64.5930, 11.0467,
50.3459

64.5930, 11.0467,
50.3459

56.9790, 12.3354,
57.0234

72.2070, 9.7579,
43.6685

49.4790, 14.0609,
63.6009

79.7070, 8.0324,
37.0910

45.0280, 14.7762,
67.5044

87.9080, 6.4544,
29.8987

95.5220, 5.1657,
23.2212

103.0220, 3.4402,
16.6437

■ 110.6360, 2.1515,
9.9662

■ 118.2500, 0.8628,
3.2887

■ 126.4510, -0.7153,
-3.9035

■ 133.9510, -2.4408,
-10.4810

Harmonies

Analogous

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



69.7230, 23.8006, 19.5369



64.5930, 11.0467, 50.3459



61.2340, -4.5524, 60.3078

Triad

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



64.5930, 11.0467, 50.3459



62.2970, -30.7124, 4.1245



61.5860, 27.8121, -54.0109

Complementary

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



64.5930, 11.0467, 50.3459



88.4070, -11.0467, -50.3459

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.



59.1120, 13.2558, -51.8412



64.5930, 11.0467, 50.3459



53.9060, -21.1527, -28.8586

Square

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



64.5930, 11.0467, 50.3459



64.5220, -31.8093, 29.3602



54.3070, -2.6164, -47.6272



60.8170, 37.5582, -53.3365

Rectangle

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



64.5930, 11.0467, 50.3459



62.4000, -16.4662, 54.9002



54.3070, -2.6164, -47.6272



61.0330, 23.1547, -53.5259

Sweetspot

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



64.5930, 11.0467, 50.3459



135.9730, 4.4503, 19.3177



51.8390, 34.5894, 12.4192



65.7610, 2.5828, 11.6106



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.



64.5930, 11.0467, 50.3459



68.3760, 17.0696, 78.6002



59.4630, -8.6093, 54.8449



57.2500, 0.8628, 3.2887



46.1530, 15.2076, 69.1488



93.0180, 30.5571, 139.4272

Inverse Universe

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



64.5930, 11.0467, 50.3459



68.3760, 17.0696, 78.6002



93.5370, 8.6093, -54.8449



57.2500, 0.8628, 3.2887



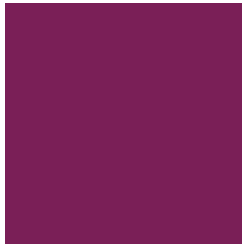
46.1530, 15.2076, 69.1488



93.0180, 30.5571, 139.4272

Previews

White Background



This preview shows how the YUV color 64.5930, 11.0467, 50.3459 looks on a white background.

Color Contrast Check

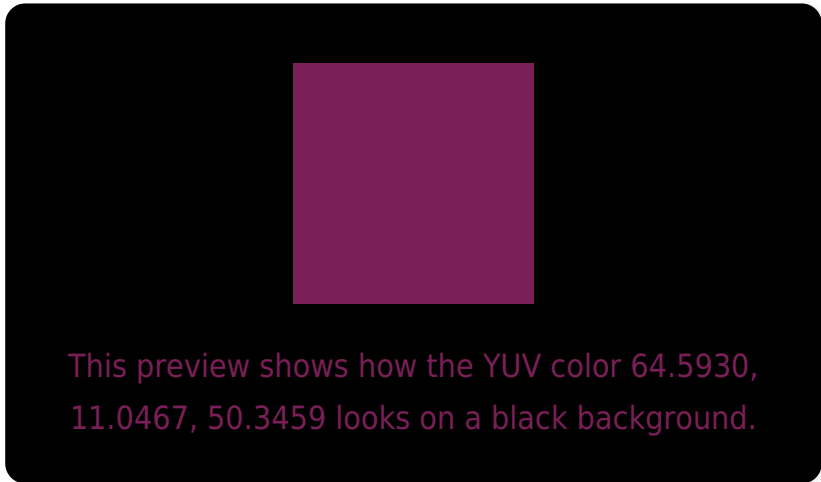
Large Text (above 18pt) WCAG AA ✓ Pass

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

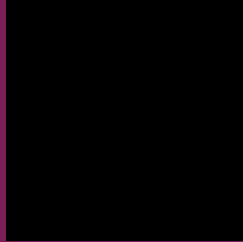
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5930, 11.0467, 50.3459

Background



This preview shows how black text looks on a background with the YUV color 64.5930, 11.0467, 50.3459.



This preview shows how white text looks on a background with the YUV color 64.5930, 11.0467,

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

64.5930, 11.0467, 50.3459

Protanopia

68.1610, 22.5986, -15.0502

Deuteranopia

70.1940, 5.8204, -0.1701



Tritanopia

66.0660, -9.8925, 46.4231

Trichromacy



Original Color

64.5930, 11.0467, 50.3459

Protanomaly

67.1640, 18.1601, 8.6262

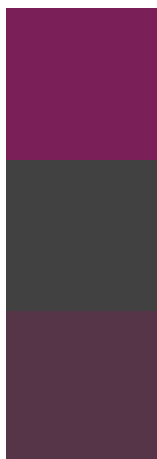
Deuteranomaly

68.4720, 7.6553, 18.0031

Tritanomaly

65.7270, -2.3304, 47.5974

Monochromacy



Original Color

64.5930, 11.0467, 50.3459

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5930, 11.0467, 50.3459 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(122, 31, 87)` looks like.

```
.text, #text, p{  
    color:rgb(122, 31, 87)  
}
```

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(122, 31, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 31, 87) }
```

Border

The CSS property to change the border of an element to YUV 64.5930, 11.0467, 50.3459 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(122, 31, 87) }
```


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

```
.border{ border-color:rgb(122, 31, 87) }
```

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

Here you see how a box with a 4 pixel rgb(122, 31, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 31, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 31, 87);  
box-shadow:4px 4px 4px 4px rgb(122, 31,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 64.5930, 11.0467, 50.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 31, 87) }
```

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

```
.background{ background-color: rgb(122, 31,  
87) }
```

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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