

Converting Colors

YUV(55.9930, 17.7515, 46.4871)

Have a look what the booklet for
YUV(55.9930, 17.7515, 46.4871)
contains.

YUV(55.9930, 17.7515, 46.4871)	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(55.9930, 17.7515,
46.4871)**

Conversions

Conversions Part 1

Format	Color
Hex	6D165C
RGB	109, 22, 92
RGB Percent	43%, 9%, 36%
CMY	0.5725, 0.9137, 0.6392
CMYK	0.00, 0.80, 0.16, 0.57
HSL	312°, 66%, 26%
HSV	312°, 80%, 43%
XYZ	8.5254, 4.5977, 10.5633
YIQ	55.9930, 29.3820, 40.2140

Conversions

Conversions Part 2

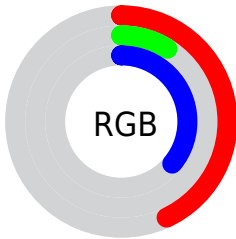
Format	Color
RYB	109, 22, 92
Decimal	7149148
CIELab	25.56, 44.69, -20.25
CIELCh	26, 49.068, 335.626
Yxy	4.5977, 0.3599, 0.1941
Android (android.graphics.Color)	4285339228 (0xFF6D165C)
YUV	55.9930, 17.7515, 46.4871
Hunter-Lab	21.4423, 33.4465, -14.1989

Details

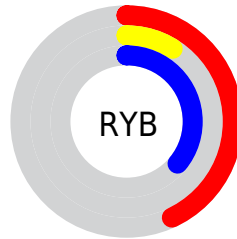
The YUV color **55.9930, 17.7515, 46.4871** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.0070, -17.7515, -46.4871**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5370, 16.0043, 46.8871**, and **22.5860, 11.5431, 31.0581** is the 20% darker color. If you saturate the color by 10%, you get **49.3080, 20.0612, 52.3499**, and if you desaturate by 10%, it is **62.6780, 15.4417, 40.6244**.

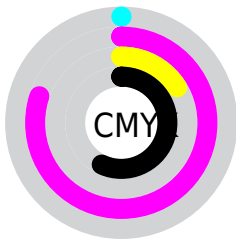
Distribution



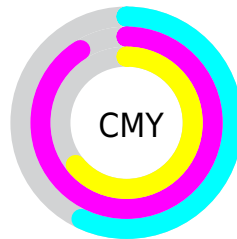
- Red (43%)
- Green (9%)
- Blue (36%)



- Red (43%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (16%)
- Black (57%)



- Cyan (57%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9930, 17.7515, 46.4871 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 55.9930, 17.7515, 46.4871 by changing the saturation by 10% instead.

■ 55.9930, 17.7515,
46.4871

■ 55.9930, 17.7515,
46.4871

■ 255.0000, 0.0000,
0.0000

■ 32.5690, 17.4675,
44.2280

■ 109.5370, 16.0043,
46.8871

■ 22.5860, 11.5431,
31.0581

■ 136.2490, 16.1462,
48.0166

■ 13.0160, 5.9081,
18.4030

■ 163.2600, 16.1408,
49.7610


■ 0.0000, 0.0000,
0.0000


■ 190.9720, 16.2828,
50.8906


■ 212.5080, 19.9626,
37.2655


■ 229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 55.9930, 17.7515,
46.4871


 55.9930, 17.7515,
46.4871

 49.3080, 20.0612,
52.3499

 62.6780, 15.4417,
40.6244

 42.6230, 22.3709,
58.2126

 69.3630, 13.1320,
34.7616

 76.0480, 10.8223,
28.8989

 82.8470, 8.9494,
22.9362

 88.9450, 6.9291,
17.5882

■ 95.6300, 4.6194,
11.7255

■ 102.3150, 2.3097,
5.8627

■ 109.0000, 0.0000,
0.0000

■ 115.6850, -2.3097,
-5.8627

Harmonies

Analogous

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



61.5300, 29.8117, 4.7972



55.9930, 17.7515, 46.4871



44.5200, 5.1666, 69.7040

Triad

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



55.9930, 17.7515, 46.4871



56.4380, -27.8239, 11.0169



56.3540, 22.9965, -49.4225

Complementary

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



55.9930, 17.7515, 46.4871



75.0070, -17.7515, -46.4871

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.



52.2500, 7.2718, -45.8232



55.9930, 17.7515, 46.4871



49.4620, -24.3848, -18.8222

Square

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



55.9930, 17.7515, 46.4871



56.6030, -27.9053, 37.1822



46.5160, -9.6214, -40.7945



56.9700, 35.5108, -49.9627

Rectangle

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



55.9930, 17.7515, 46.4871



48.8170, -8.7838, 64.1815



46.5160, -9.6214, -40.7945



55.1000, 18.1917, -48.3227

Sweetspot

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



55.9930, 17.7515, 46.4871



122.2440, 6.7817, 18.2030



36.7020, 35.6429, 1.1383



58.8040, 4.0406, 10.6959



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



55.9930, 17.7515, 46.4871



59.5030, 27.8530, 73.2269



51.2050, -0.5941, 50.6862



50.3640, 1.2995, 3.1888



45.6990, 23.8124, 62.5310



95.7130, 49.9345, 130.9247

Inverse Universe

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



55.9930, 17.7515, 46.4871



59.5030, 27.8530, 73.2269



79.7950, 0.5941, -50.6862



50.3640, 1.2995, 3.1888



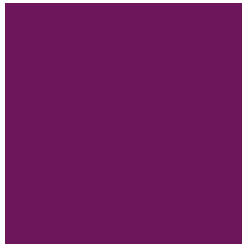
45.6990, 23.8124, 62.5310



95.7130, 49.9345, 130.9247

Previews

White Background



This preview shows how the YUV color 55.9930, 17.7515, 46.4871 looks on a white background.

Color Contrast Check

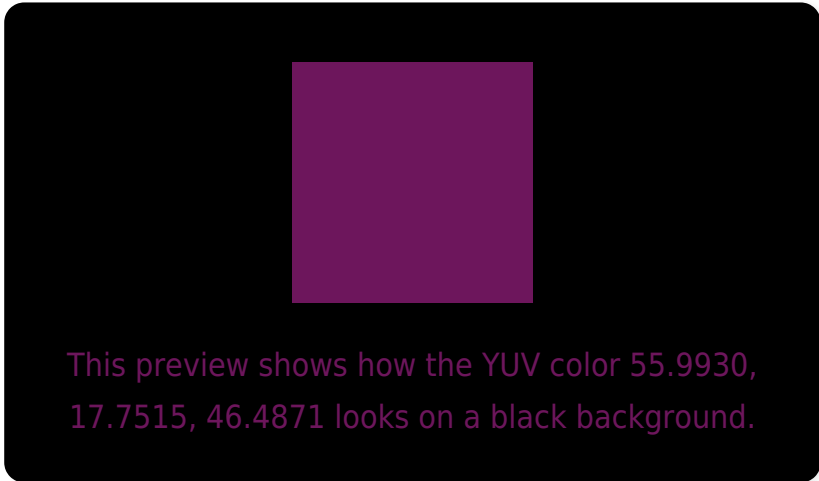
Large Text (above 18pt) WCAG AA ✓ Pass

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

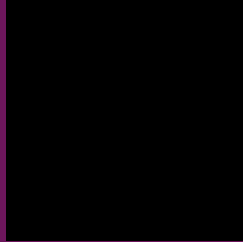
Any Text WCAG AA × Fail

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 55.9930, 17.7515, 46.4871 Background



This preview shows how black text looks on a background with the YUV color 55.9930, 17.7515, 46.4871.



This preview shows how white text looks on a background with the YUV color 55.9930, 17.7515,

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

55.9930, 17.7515, 46.4871

Protanopia

55.6350, 33.7039, -30.3749

Deuteranopia

62.4580, 12.0992, -7.4177



Tritanopia

60.3640, -8.5605, 39.1458

Trichromacy



Original Color

55.9930, 17.7515, 46.4871

Protanomaly

55.6170, 27.7968, -2.2951

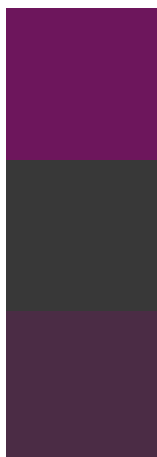
Deuteranomaly

59.8610, 14.3655, 12.3999

Tritanomaly

58.6060, 1.1802, 41.5645

Monochromacy



Original Color

55.9930, 17.7515, 46.4871

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9930, 17.7515, 46.4871 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(109, 22, 92)` looks like.

```
.text, #text, p{  
    color:rgb(109, 22, 92)  
}
```

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(109, 22, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 22, 92) }
```

Border

The CSS property to change the border of an element to YUV 55.9930, 17.7515, 46.4871 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(109, 22, 92) }
```


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

```
.border{ border-color:rgb(109, 22, 92) }
```

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

Here you see how a box with a 4 pixel rgb(109, 22, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 22, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 22, 92);  
box-shadow:4px 4px 4px 4px rgb(109, 22,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 55.9930, 17.7515, 46.4871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 22, 92) }
```

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

```
.background{ background-color: rgb(109, 22,  
92) }
```

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