

Converting Colors

YUV(55.9860, 28.6009, 66.6643)

Have a look what the booklet for
YUV(55.9860, 28.6009, 66.6643)
contains.

YUV(55.9860, 28.6009, 66.6643)	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(55.9860, 28.6009,
66.6643)**

Conversions

Conversions Part 1

Format	Color
Hex	840672
RGB	132, 6, 114
RGB Percent	52%, 2%, 45%
CMY	0.4824, 0.9765, 0.5529
CMYK	0.00, 0.95, 0.14, 0.48
HSL	309°, 91%, 27%
HSV	309°, 95%, 52%
XYZ	12.6181, 6.2507, 16.4610
YIQ	55.9860, 40.4280, 60.3000

Conversions

Conversions Part 2

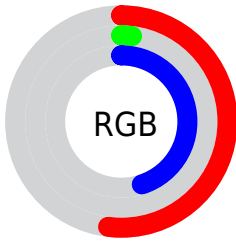
Format	Color
R_{YB}	132, 6, 114
Decimal	8652402
CIE _{Lab}	30.04, 56.64, -27.17
CIE _{LCh}	30, 62.816, 334.370
Yxy	6.2507, 0.3572, 0.1769
Android (android.graphics.Color)	4286842482 (0xFF840672)
YUV	55.9860, 28.6009, 66.6643
Hunter-Lab	25.0014, 46.3359, -21.5359

Details

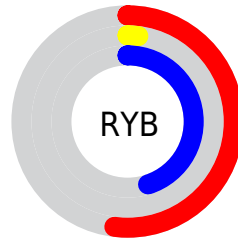
The YUV color **55.9860, 28.6009, 66.6643** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **82.0140, -28.6009, -66.6643**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5740, 23.3810, 60.8866**, and **30.7320, 16.8941, 41.4540** is the 20% darker color. If you saturate the color by 10%, you get **52.3500, 29.9005, 69.8531**, and if you desaturate by 10%, it is **63.8450, 25.7124, 59.7719**.

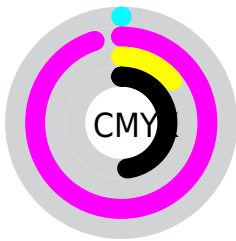
Distribution



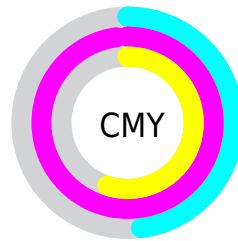
- Red (52%)
- Green (2%)
- Blue (45%)



- Red (52%)
- Yellow (2%)
- Blue (45%)



- Cyan (0%)
- Magenta (95%)
- Yellow (14%)
- Black (48%)





- Cyan (48%)
- Magenta (98%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 55.9860, 28.6009, 66.6643 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 55.9860, 28.6009, 66.6643 by changing the saturation by 10% instead.


 55.9860, 28.6009,
66.6643

 55.9860, 28.6009,
66.6643


255.0000, 0.0000,
0.0000

 41.5410, 23.3973,
55.6535


 118.5740, 23.3810,
60.8866


 30.7320, 16.8941,
41.4540

 146.8730, 23.2336,
61.5014


 21.3470, 10.6749,
29.5137

 174.8840, 23.2282,
63.2457

 8.6730, 6.0772,
10.8108


 196.9040, 26.1763,
50.9502


 0.0000, 0.0000,
0.0000


 213.9100, 20.2574,
36.0359


 230.9330, 11.8650,


21.1068


 247.9560, 3.4727,
6.1776


 55.9860, 28.6009,
66.6643


 55.9860, 28.6009,
66.6643


 52.3500, 29.9005,
69.8531

 63.8450, 25.7124,
59.7719

 71.7040, 22.8239,
52.8796

 80.1500, 19.6460,
45.4724

 88.0090, 16.7576,
38.5801

 95.7540, 13.4323,
31.7877

■ 103.6130, 10.5438,
24.8954

■ 111.4720, 7.6553,
18.0031

■ 119.9180, 4.4774,
10.5959

■ 127.7770, 1.5889,
3.7036

Harmonies

Analogous

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



70.3800, 40.7317, 2.2977



55.9860, 28.6009, 66.6643



52.9720, 6.4228, 86.8476

Triad

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



55.9860, 28.6009, 66.6643



65.8960, -32.4867, 13.2462



67.0800, 28.5546, -58.8292

Complementary

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



55.9860, 28.6009, 66.6643



82.0140, -28.6009, -66.6643

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.



61.6080, 7.5883, -54.0302



55.9860, 28.6009, 66.6643



55.9080, -27.5626, -26.2293

Square

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



55.9860, 28.6009, 66.6643



65.8170, -32.4478, 47.5185



54.3920, -14.9833, -47.7018



69.3090, 44.7107, -60.7840

Rectangle

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



55.9860, 28.6009, 66.6643



48.7260, -7.2599, 88.8173



54.3920, -14.9833, -47.7018



65.3700, 22.0026, -57.3295

Sweetspot

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



55.9860, 28.6009, 66.6643



140.8520, 11.4120, 26.4398



25.4470, 52.5306, -2.1460



68.2330, 6.7871, 16.4587



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



55.9860, 28.6009, 66.6643



67.7730, 38.5659, 90.5301



48.9180, 1.5194, 72.8629



62.3640, 1.2995, 3.1888



51.5240, 29.3217, 68.8235



1.1250, 0.4314, 1.6444

Inverse Universe

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



55.9860, 28.6009, 66.6643



67.7730, 38.5659, 90.5301



89.0820, -1.5194, -72.8629



62.3640, 1.2995, 3.1888



51.5240, 29.3217, 68.8235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 55.9860, 28.6009, 66.6643 looks on a white background.

Color Contrast Check

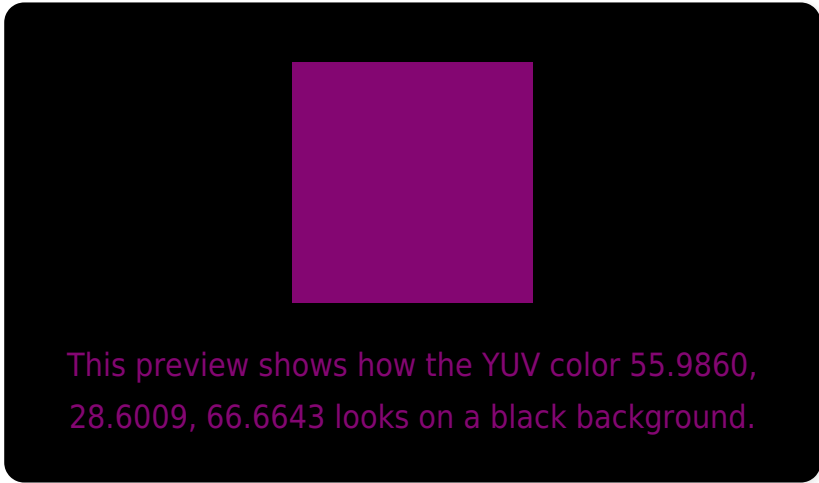
Large Text (above 18pt) WCAG AA ✓ Pass

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

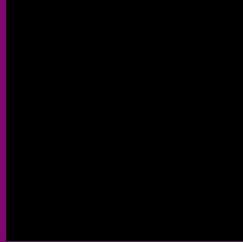
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9860, 28.6009, 66.6643

Background



This preview shows how black text looks on a background with the YUV color 55.9860, 28.6009, 66.6643.



This preview shows how white text looks on a background with the YUV color 55.9860, 28.6009,

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

55.9860, 28.6009, 66.6643

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

72.9890, 16.7674, -11.3914



Tritanopia

69.5610, -10.6296, 49.4970

Trichromacy



Original Color

55.9860, 28.6009, 66.6643

Protanomaly

57.5590, 39.1644, -8.3832

Deuteranomaly

67.0170, 21.1906, 16.6481

Tritanomaly

64.6770, 3.6102, 55.5343

Monochromacy



Original Color

55.9860, 28.6009, 66.6643

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2000, 10.2544, 24.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9860, 28.6009, 66.6643 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(132, 6, 114)` looks like.

```
.text, #text, p{  
    color:rgb(132, 6, 114)  
}
```

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(132, 6, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 6, 114) }
```

Border

The CSS property to change the border of an element to YUV 55.9860, 28.6009, 66.6643 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(132, 6, 114) }
```


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

```
.border{ border-color:rgb(132, 6, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 6, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 6, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 6, 114);  
box-shadow:4px 4px 4px 4px rgb(132, 6,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 55.9860, 28.6009, 66.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 6, 114) }
```

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

```
.background{ background-color: rgb(132, 6,  
114) }
```

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