

Converting Colors

YUV(62.8800, 12.3842, 41.3242)

Have a look what the booklet for
YUV(62.8800, 12.3842, 41.3242)
contains.

YUV(62.8800, 12.3842, 41.3242)	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(62.8800, 12.3842,
41.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2258
RGB	110, 34, 88
RGB Percent	43%, 13%, 35%
CMY	0.5686, 0.8667, 0.6549
CMYK	0.00, 0.69, 0.20, 0.57
HSL	317°, 53%, 28%
HSV	317°, 69%, 43%
XYZ	8.7639, 5.1636, 9.7673
YIQ	62.8800, 27.9620, 32.9060

Conversions

Conversions Part 2

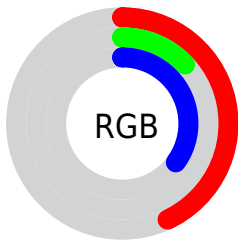
Format	Color
R_{YB}	110, 34, 88
Decimal	7217752
CIE _{Lab}	27.20, 39.70, -15.05
CIE _{LCh}	27, 42.455, 339.232
Yxy	5.1636, 0.3699, 0.2179
Android (android.graphics.Color)	4285407832 (0xFF6E2258)
YUV	62.8800, 12.3842, 41.3242
Hunter-Lab	22.7236, 29.0763, -9.5781




Details

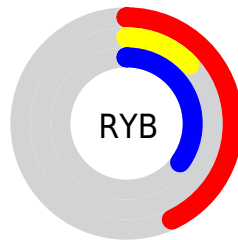
The YUV color **62.8800, 12.3842, 41.3242** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.1200, -12.3842, -41.3242**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **114.6630, 11.5051, 43.2685**, and **22.4290, 9.6485, 32.0728** is the 20% darker color. If you saturate the color by 10%, you get **56.0810, 14.2571, 47.2870**, and if you desaturate by 10%, it is **69.6790, 10.5113, 35.3615**.

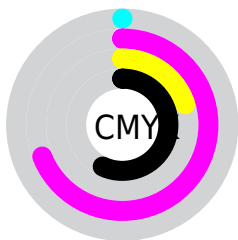
Distribution







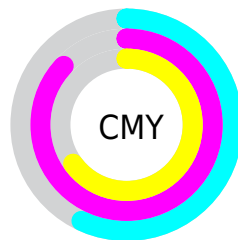
-  Red (43%)
-  Green (13%)
-  Blue (35%)






-  Red (43%)
-  Yellow (13%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (20%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (87%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8800, 12.3842, 41.3242 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 62.8800, 12.3842, 41.3242 by changing the saturation by 10% instead.

62.8800, 12.3842,
41.3242

62.8800, 12.3842,
41.3242

255.0000, 0.0000,
0.0000

34.8740, 14.8521,
43.0835

114.6630, 11.5051,
43.2685

22.4290, 9.6485,
32.0728

140.6740, 11.4997,
45.0129

13.5710, 4.1555,
20.5472

168.3860, 11.6417,
46.1425

0.0000, 0.0000,
0.0000

195.9840, 11.3469,
47.3720

216.6340, 15.4634,
33.6470

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

62.8800, 12.3842,
41.3242

62.8800, 12.3842,
41.3242

56.0810, 14.2571,
47.2870

69.6790, 10.5113,
35.3615

49.2820, 16.1300,
53.2497

76.4780, 8.6383,
29.3988

42.3690, 17.5661,
59.3124

83.3910, 7.2022,
23.3361

41.7820, 17.8555,
59.8272

90.1900, 5.3293,
17.3734

96.9890, 3.4564,
11.4106

■ 103.7880, 1.5835,
5.4479

■ 110.5870, -0.2894,
-0.5148

■ 117.3860, -2.1623,
-6.4775

■ 124.2990, -3.5984,
-12.5402

Harmonies

Analogous

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



66.0700, 24.1225, 9.5856



62.8800, 12.3842, 41.3242



58.4120, -1.1891, 54.8897

Triad

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



62.8800, 12.3842, 41.3242



59.6720, -29.4183, 9.0577



57.7560, 23.2913, -50.6520

Complementary

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



62.8800, 12.3842, 41.3242



81.1200, -12.3842, -41.3242

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.



54.8090, 9.4612, -48.0675



62.8800, 12.3842, 41.3242



53.2880, -23.8060, -17.7926

Square

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



62.8800, 12.3842, 41.3242



60.7010, -29.9256, 31.8342



49.7590, -4.8112, -43.6386



57.6880, 33.1848, -50.5924

Rectangle

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



62.8800, 12.3842, 41.3242



59.5290, -12.0928, 52.1561



49.7590, -4.8112, -43.6386



57.2030, 18.6339, -50.1670

Sweetspot

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



62.8800, 12.3842, 41.3242



124.3640, 4.7505, 16.3438



49.2420, 29.9537, 5.9268



60.4510, 2.7357, 9.2515



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.



62.8800, 12.3842, 41.3242



69.1570, 19.1496, 64.7603



58.5480, -4.2142, 45.1234



52.2500, 0.8628, 3.2888



45.5700, 19.4390, 65.2751



93.9170, 40.4669, 134.2538

Inverse Universe

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



62.8800, 12.3842, 41.3242



69.1570, 19.1496, 64.7603



85.4520, 4.2142, -45.1234



52.2500, 0.8628, 3.2888



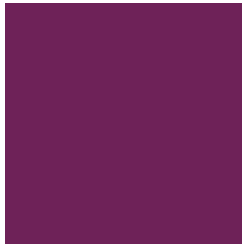
45.5700, 19.4390, 65.2751



93.9170, 40.4669, 134.2538

Previews

White Background



This preview shows how the YUV color 62.8800, 12.3842, 41.3242 looks on a white background.

Color Contrast Check

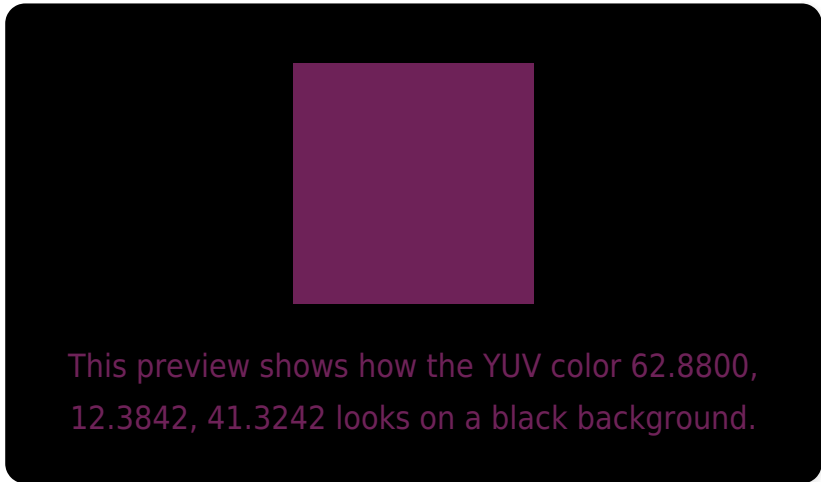
Large Text (above 18pt) WCAG AA ✓ Pass

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

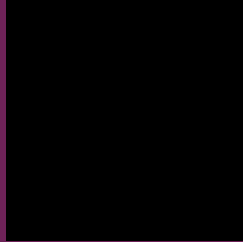
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8800, 12.3842, 41.3242

Background



This preview shows how black text looks on a background with the YUV color 62.8800, 12.3842, 41.3242.



This preview shows how white text looks on a background with the YUV color 62.8800, 12.3842,

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

62.8800, 12.3842, 41.3242

Protanopia

63.7910, 23.7670, -16.4797

Deuteranopia

65.6820, 9.0308, -3.2291



Tritanopia

63.5810, -7.6814, 37.2015

Trichromacy



Original Color

62.8800, 12.3842, 41.3242

Protanomaly

63.4840, 19.4814, 4.8375

Deuteranomaly

64.4220, 10.1450, 12.7849

Tritanomaly

63.2420, -0.1193, 38.3758

Monochromacy



Original Color

62.8800, 12.3842, 41.3242

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6520, 4.6086, 15.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8800, 12.3842, 41.3242 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(110, 34, 88)` looks like.

```
.text, #text, p{  
  color:rgb(110, 34, 88)  
}
```

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(110, 34, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 34, 88) }
```

Border

The CSS property to change the border of an element to YUV 62.8800, 12.3842, 41.3242 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(110, 34, 88) }
```


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

```
.border{ border-color:rgb(110, 34, 88) }
```

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

Here you see how a box with a 4 pixel rgb(110, 34, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 34, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 34, 88);  
box-shadow:4px 4px 4px 4px rgb(110, 34,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 62.8800, 12.3842, 41.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 34, 88) }
```

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

```
.background{ background-color: rgb(110, 34,  
88) }
```

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