

Converting Colors

YUV(61.9680, 8.8898, 42.1241)

Have a look what the booklet for
YUV(61.9680, 8.8898, 42.1241)
contains.

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Color

**YUV(61.9680, 8.8898,
42.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2250
RGB	110, 34, 80
RGB Percent	43%, 13%, 31%
CMY	0.5686, 0.8667, 0.6863
CMYK	0.00, 0.69, 0.27, 0.57
HSL	324°, 53%, 28%
HSV	324°, 69%, 43%
XYZ	8.4504, 5.0382, 8.1165
YIQ	61.9680, 30.5300, 30.4180

Conversions

Conversions Part 2

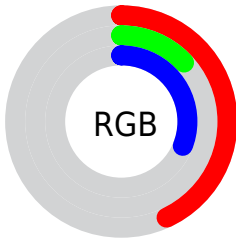
Format	Color
R_{YB}	110, 34, 80
Decimal	7217744
CIE Lab	26.84, 38.49, -10.30
CIE LCh	27, 39.845, 345.013
Yxy	5.0382, 0.3911, 0.2332
Android (android.graphics.Color)	4285407824 (0xFF6E2250)
YUV	61.9680, 8.8898, 42.1241
Hunter-Lab	22.4460, 27.9205, -5.7271

Details

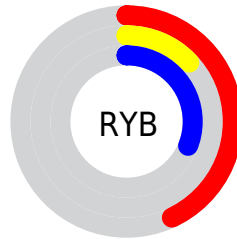
The YUV color **61.9680, 8.8898, 42.1241** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.0320, -8.8898, -42.1241**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0500, 7.8634, 44.6832**, and **21.6310, 6.5909, 32.7726** is the 20% darker color. If you saturate the color by 10%, you get **55.0550, 10.3259, 48.1868**, and if you desaturate by 10%, it is **68.8810, 7.4537, 36.0614**.

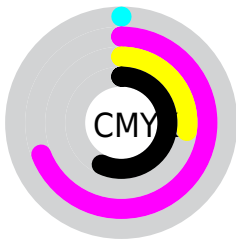
Distribution



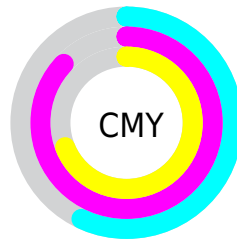
- Red (43%)
- Green (13%)
- Blue (31%)



- Red (43%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (69%)
- Yellow (27%)
- Black (57%)



- Cyan (57%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9680, 8.8898, 42.1241 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 61.9680, 8.8898, 42.1241 by changing the saturation by 10% instead.

61.9680, 8.8898,
42.1241

61.9680, 8.8898,
42.1241

255.0000, 0.0000,
0.0000

33.9620, 11.3577,
43.8833

113.0500, 7.8634,
44.6832

21.6310, 6.5909,
32.7726

139.6480, 7.5685,
45.9127

12.2460, 0.3717,
20.8323

166.6590, 7.5631,
47.6571

0.0000, 0.0000,
0.0000

194.3710, 7.7051,
48.7866

215.4940, 11.0955,
34.6468

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

61.9680, 8.8898,
42.1241

61.9680, 8.8898,
42.1241

55.0550, 10.3259,
48.1868

68.8810, 7.4537,
36.0614

48.0280, 11.3252,
54.3494

75.9080, 6.4544,
29.8987

41.1150, 12.7613,
60.4121

82.8210, 5.0182,
23.8360

40.5280, 13.0507,
60.9269

89.7340, 3.5821,
17.7733

96.7610, 2.5828,
11.6106

■ 103.6740, 1.1467,
5.5479

■ 110.5870, -0.2894,
-0.5148

■ 117.6140, -1.2887,
-6.6775

■ 124.5270, -2.7248,
-12.7402

Harmonies

Analogous

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



65.4900, 20.4644, 16.2333



61.9680, 8.8898, 42.1241



59.4670, -4.6672, 50.4564

Triad

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



61.9680, 8.8898, 42.1241



58.1660, -28.6758, 4.2394



56.6960, 24.3069, -49.7224

Complementary

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



61.9680, 8.8898, 42.1241



82.0320, -8.8898, -42.1241

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.



54.0910, 11.7871, -47.4378



61.9680, 8.8898, 42.1241



52.4490, -17.9694, -23.1958

Square

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



61.9680, 8.8898, 42.1241



59.7820, -29.4725, 26.5012



49.9700, -1.4642, -43.8237



55.5850, 32.7426, -48.7480

Rectangle

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



61.9680, 8.8898, 42.1241



59.5130, -14.5499, 46.9081



49.9700, -1.4642, -43.8237



56.3710, 20.5231, -49.4374

Sweetspot

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



61.9680, 8.8898, 42.1241



124.0220, 3.4402, 16.6437



51.3350, 28.9218, 10.2302



60.2230, 1.8621, 9.4514



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.



61.9680, 8.8898, 42.1241



67.7890, 13.9080, 65.9600



57.7500, -7.2717, 45.8233



52.2500, 0.8628, 3.2888



44.2020, 14.1974, 66.4748



90.9530, 29.1102, 136.8532

Inverse Universe

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



61.9680, 8.8898, 42.1241



67.7890, 13.9080, 65.9600



86.2500, 7.2718, -45.8232



52.2500, 0.8628, 3.2888



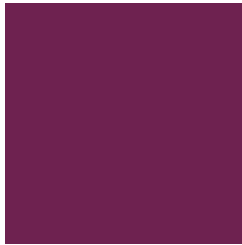
44.2020, 14.1974, 66.4748



90.9530, 29.1102, 136.8532

Previews

White Background



This preview shows how the YUV color 61.9680, 8.8898, 42.1241 looks on a white background.

Color Contrast Check

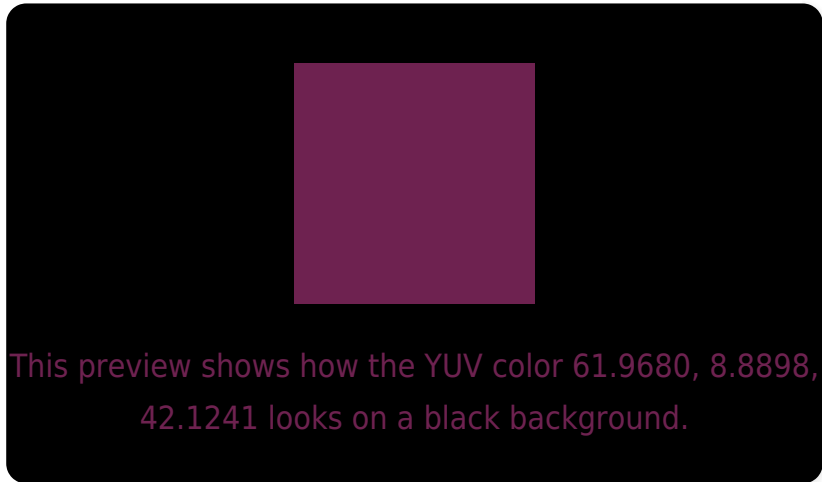
Large Text (above 18pt) WCAG AA ✓ Pass

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

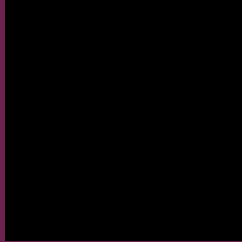
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9680, 8.8898, 42.1241

Background



This preview shows how black text looks on a background with the YUV color 61.9680, 8.8898, 42.1241.



This preview shows how white text looks on a background with the YUV color 61.9680, 8.8898,

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

61.9680, 8.8898, 42.1241

Protanopia

63.5590, 18.9514, -11.8912

Deuteranopia

65.3790, 5.2362, 0.5446



Tritanopia

62.4780, -8.1237, 39.0458

Trichromacy



Original Color

61.9680, 8.8898, 42.1241

Protanomaly

62.7680, 15.3974, 8.0965

Deuteranomaly

63.8200, 6.4977, 15.9439

Tritanomaly

62.3840, -2.1613, 40.0052

Monochromacy



Original Color

61.9680, 8.8898, 42.1241

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0110, 3.4456, 14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9680, 8.8898, 42.1241 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, 80)` looks like.

```
.text, #text, p{  
    color:rgb(110, 34, 80)  
}
```

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, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 34, 80) }
```

Border

The CSS property to change the border of an element to YUV 61.9680, 8.8898, 42.1241 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, 80) }
```


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

```
.border{ border-color:rgb(110, 34, 80) }
```

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, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 34, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 34, 80);  
box-shadow:4px 4px 4px 4px rgb(110, 34,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 61.9680, 8.8898, 42.1241 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, 80) }
```

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

```
.background{ background-color: rgb(110, 34,  
80) }
```

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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