

Converting Colors

YUV(57.1680, 12.2422, 40.1947)

Have a look what the booklet for
YUV(57.1680, 12.2422, 40.1947)
contains.

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Color

**YUV(57.1680, 12.2422,
40.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	671D52
RGB	103, 29, 82
RGB Percent	40%, 11%, 32%
CMY	0.5961, 0.8863, 0.6784
CMYK	0.00, 0.72, 0.20, 0.60
HSL	317°, 56%, 26%
HSV	317°, 72%, 40%
XYZ	7.5559, 4.3715, 8.4282
YIQ	57.1680, 27.0910, 32.1710

Conversions

Conversions Part 2

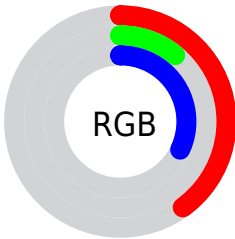
Format	Color
RYB	103, 29, 82
Decimal	6757714
CIELab	24.86, 38.85, -14.78
CIElCh	25, 41.572, 339.172
Yxy	4.3715, 0.3712, 0.2148
Android (android.graphics.Color)	4284947794 (0xFF671D52)
YUV	57.1680, 12.2422, 40.1947
Hunter-Lab	20.9081, 27.9180, -9.2645

Details

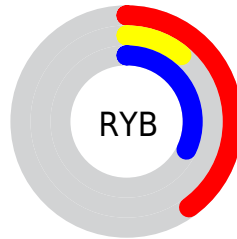
The YUV color **57.1680, 12.2422, 40.1947** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.8320, -12.2422, -40.1947**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9510, 11.3632, 42.1390**, and **20.0650, 8.3490, 28.8840** is the 20% darker color. If you saturate the color by 10%, you get **50.9560, 13.8257, 45.6426**, and if you desaturate by 10%, it is **63.3800, 10.6587, 34.7467**.

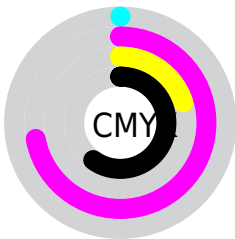
Distribution



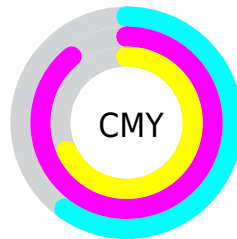
- Red (40%)
- Green (11%)
- Blue (32%)



- Red (40%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (72%)
- Yellow (20%)
- Black (60%)



- Cyan (60%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1680, 12.2422, 40.1947 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 57.1680, 12.2422, 40.1947 by changing the saturation by 10% instead.

■ 57.1680, 12.2422,
40.1947

■ 57.1680, 12.2422,
40.1947

■ 255.0000, 0.0000,
0.0000

■ 29.7490, 14.4207,
41.4391

■ 108.9510, 11.3632,
42.1390

■ 20.0650, 8.3490,
28.8840

■ 134.6630, 11.5051,
43.2685

■ 9.7830, 2.5720,
15.0993

■ 161.6740, 11.4997,
45.0129

■ 0.0000, 0.0000,
0.0000

■ 189.2720, 11.2049,
46.2425

■ 212.9010, 13.8528,
36.9208

■ 230.9330, 11.8650,

21.1068

247.3690, 3.7621,
6.6924

57.1680, 12.2422,
40.1947

57.1680, 12.2422,
40.1947

50.9560, 13.8257,
45.6426

63.3800, 10.6587,
34.7467

44.1570, 15.6986,
51.6053

70.1790, 8.7858,
28.7840

39.2330, 17.1401,
55.9237

76.3910, 7.2022,
23.3361

82.6030, 5.6187,
17.8882

88.8150, 4.0352,
12.4402

■ 95.6140, 2.1623,
6.4775

■ 101.7120, 0.1420,
1.1296

■ 107.9240, -1.4415,
-4.3183

■ 114.7230, -3.3144,
-10.2811

Harmonies

Analogous

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



60.5430, 23.3963, 9.1708



57.1680, 12.2422, 40.1947



52.8140, -0.8943, 53.6601

Triad

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



57.1680, 12.2422, 40.1947



55.2420, -27.2343, 8.5578



53.4360, 21.9701, -46.8634

Complementary

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



57.1680, 12.2422, 40.1947



74.8320, -12.2422, -40.1947

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.



50.6030, 8.5767, -44.3788



57.1680, 12.2422, 40.1947



48.7010, -23.5166, -17.2778

Square

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



57.1680, 12.2422, 40.1947



55.6730, -27.4468, 30.1048



46.2540, -5.5482, -40.5648



53.3680, 31.8636, -46.8037

Rectangle

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



57.1680, 12.2422, 40.1947



53.6320, -11.6506, 50.3117



46.2540, -5.5482, -40.5648



52.9970, 17.7495, -46.4784

Sweetspot

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



57.1680, 12.2422, 40.1947



116.4780, 5.1873, 16.2438



43.7150, 29.2275, 5.5119



57.8640, 3.0250, 9.7663



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



57.1680, 12.2422, 40.1947



63.1460, 19.1550, 63.0160



52.9500, -3.9193, 43.8939



47.9510, 1.0102, 2.6740



43.7330, 18.8656, 62.5012



92.1940, 40.3304, 131.3799

Inverse Universe

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



57.1680, 12.2422, 40.1947



63.1460, 19.1550, 63.0160



79.0500, 3.9193, -43.8939



47.9510, 1.0102, 2.6740



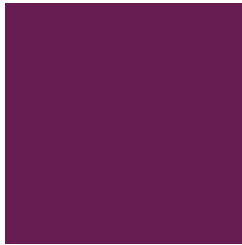
43.7330, 18.8656, 62.5012



92.1940, 40.3304, 131.3799

Previews

White Background



This preview shows how the YUV color 57.1680, 12.2422, 40.1947 looks on a white background.

Color Contrast Check

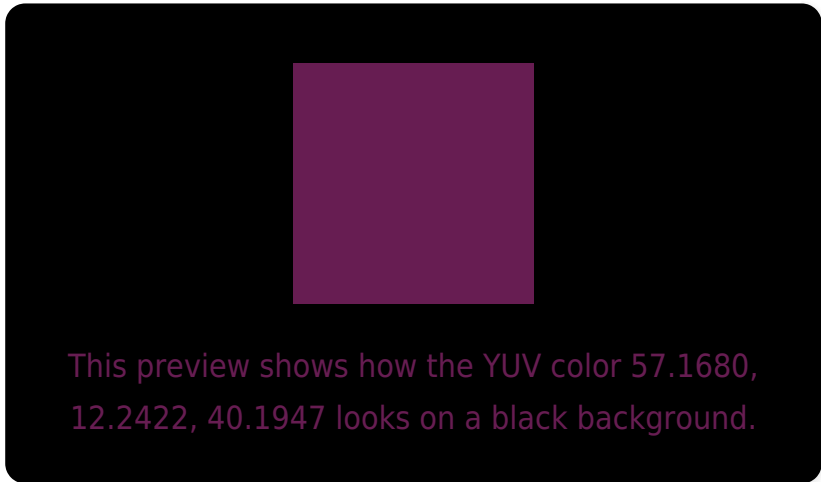
Large Text (above 18pt) WCAG AA ✓ Pass

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

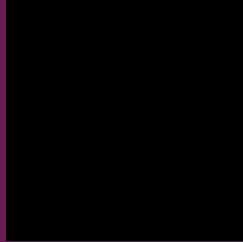
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1680, 12.2422, 40.1947

Background



This preview shows how black text looks on a background with the YUV color 57.1680, 12.2422, 40.1947.



This preview shows how white text looks on a background with the YUV color 57.1680, 12.2422,

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

57.1680, 12.2422, 40.1947

Protanopia

58.3780, 23.4776, -16.9945

Deuteranopia

60.5680, 8.5940, -3.1291



Tritanopia

58.8690, -7.8234, 36.0719

Trichromacy



Original Color

57.1680, 12.2422, 40.1947

Protanomaly

57.7720, 19.3394, 3.7080

Deuteranomaly

59.3080, 9.7082, 12.8849

Tritanomaly

58.4160, -0.6981, 37.3462

Monochromacy



Original Color

57.1680, 12.2422, 40.1947

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2390, 4.3192, 14.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1680, 12.2422, 40.1947 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(103, 29, 82)` looks like.

```
.text, #text, p{  
    color:rgb(103, 29, 82)  
}
```

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(103, 29, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 29, 82) }
```

Border

The CSS property to change the border of an element to YUV 57.1680, 12.2422, 40.1947 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(103, 29, 82) }
```


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

```
.border{ border-color:rgb(103, 29, 82) }
```

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

Here you see how a box with a 4 pixel rgb(103, 29, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 29, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 29, 82);  
box-shadow:4px 4px 4px 4px rgb(103, 29,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 57.1680, 12.2422, 40.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 29, 82) }
```

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

```
.background{ background-color: rgb(103, 29,  
82) }
```

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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