

Converting Colors

YUV(82.0420, 13.2903, 30.6582)

Have a look what the booklet for
YUV(82.0420, 13.2903, 30.6582)
contains.

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Color

**YUV(82.0420, 13.2903,
30.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	753B6D
RGB	117, 59, 109
RGB Percent	46%, 23%, 43%
CMY	0.5412, 0.7686, 0.5725
CMYK	0.00, 0.50, 0.07, 0.54
HSL	308°, 33%, 35%
HSV	308°, 50%, 46%
XYZ	11.6604, 8.0140, 15.4003
YIQ	82.0420, 18.5180, 27.8460

Conversions

Conversions Part 2

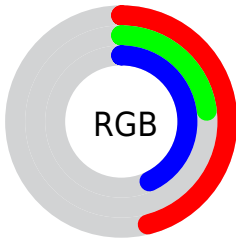
Format	Color
R_{YB}	117, 59, 109
Decimal	7682925
CIE _{Lab}	34.01, 32.88, -17.98
CIE _{LCh}	34, 37.469, 331.329
Yxy	8.0140, 0.3324, 0.2285
Android (android.graphics.Color)	4285873005 (0xFF753B6D)
YUV	82.0420, 13.2903, 30.6582
Hunter-Lab	28.3089, 23.9832, -12.4379

Details

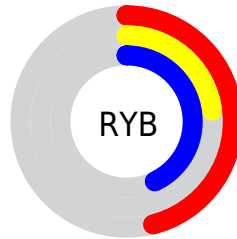
The YUV color **82.0420, 13.2903, 30.6582** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.9580, -13.2903, -30.6582**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5800, 14.0111, 32.8173**, and **32.8570, 13.8745, 29.9434** is the 20% darker color. If you saturate the color by 10%, you get **74.7700, 15.8894, 37.0357**, and if you desaturate by 10%, it is **89.3140, 10.6912, 24.2806**.

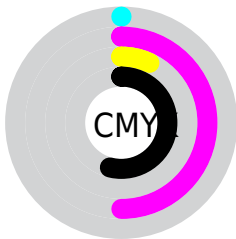
Distribution



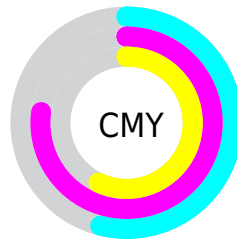
- Red (46%)
- Green (23%)
- Blue (43%)



- Red (46%)
- Yellow (23%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (54%)



- Cyan (54%)
- Magenta (77%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0420, 13.2903, 30.6582 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 82.0420, 13.2903, 30.6582 by changing the saturation by 10% instead.

82.0420, 13.2903,
30.6582

82.0420, 13.2903,
30.6582

255.0000, 0.0000,
0.0000

57.4440, 13.5851,
29.4286

132.5800, 14.0111,
32.8173

32.8570, 13.8745,
29.9434

159.2920, 14.1530,
33.9469

17.6020, 10.5492,
23.1510

187.0040, 14.2950,
35.0765

4.9280, 5.9515,
4.4481

214.4170, 14.5844,
35.5913

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 82.0420, 13.2903,
30.6582

■ 82.0420, 13.2903,
30.6582

■ 74.7700, 15.8894,
37.0357

■ 89.3140, 10.6912,
24.2806

■ 68.1990, 18.6359,
42.7985

■ 95.8850, 7.9447,
18.5179

■ 60.9270, 21.2350,
49.1760

■ 103.1570, 5.3456,
12.1403

■ 53.7690, 24.2709,
55.4536

■ 110.3150, 2.3097,
5.8627

■ 47.0840, 26.5806,
61.3163

■ 117.5870, -0.2894,
-0.5148

■ 46.4970, 26.8700,
61.8311

■ 124.2720, -2.5991,
-6.3775

■ 131.4300, -5.6350,
-12.6551

■ 138.7020, -8.2341,
-19.0327

■ 145.3870,
-10.5438, -24.8954

Harmonies

Analogous

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



81.7160, 24.2970, 0.2491



82.0420, 13.2903, 30.6582



79.4110, 0.2904, 46.9976

Triad

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



82.0420, 13.2903, 30.6582



76.0750, -30.6030, 15.7202



67.7180, 20.8450, -59.3887

Complementary

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



82.0420, 13.2903, 30.6582



93.9580, -13.2903, -30.6582

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.



64.2980, 7.7411, -56.3893



82.0420, 13.2903, 30.6582



73.0550, -23.6911, -7.9412

Square

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



82.0420, 13.2903, 30.6582



78.2760, -25.2791, 34.8379



64.7870, -7.2900, -41.9092



67.8780, 31.6121, -59.5290

Rectangle

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



82.0420, 13.2903, 30.6582



78.6040, -9.1718, 48.5823



64.7870, -7.2900, -41.9092



66.6920, 16.9138, -58.4889

Sweetspot

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



82.0420, 13.2903, 30.6582



139.1570, 5.3456, 12.1403



68.0040, 24.1550, -0.8805



68.5540, 3.1779, 7.4071



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



82.0420, 13.2903, 30.6582



98.8020, 20.8036, 47.5316



78.7360, 0.6232, 33.5575



55.3640, 1.2995, 3.1888



48.5620, 28.3169, 64.4051



99.2600, 57.0598, 132.1990

Inverse Universe

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



82.0420, 13.2903, 30.6582



98.8020, 20.8036, 47.5316



97.2640, -0.6232, -33.5575



55.3640, 1.2995, 3.1888



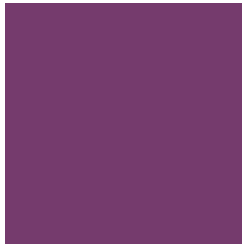
48.5620, 28.3169, 64.4051



99.2600, 57.0598, 132.1990

Previews

White Background



This preview shows how the YUV color 82.0420, 13.2903, 30.6582 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 82.0420, 13.2903, 30.6582

Background



This preview shows how black text looks on a background with the YUV color 82.0420, 13.2903, 30.6582.



This preview shows how white text looks on a background with the YUV color 82.0420, 13.2903,

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

82.0420, 13.2903, 30.6582

Protanopia

79.7590, 22.3038, -13.8206

Deuteranopia

80.7680, 11.9464, -5.0585



Tritanopia

81.3240, -4.5967, 27.7799

Trichromacy



Original Color

82.0420, 13.2903, 30.6582

Protanomaly

80.6470, 18.9080, 2.0636

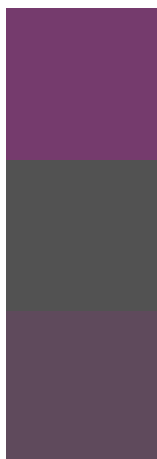
Deuteranomaly

81.2580, 12.1978, 7.6667

Tritanomaly

81.3440, 1.8024, 28.6393

Monochromacy



Original Color

82.0420, 13.2903, 30.6582

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.3310, 4.7668, 11.1107

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0420, 13.2903, 30.6582 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(117, 59, 109)` looks like.

```
.text, #text, p{  
    color:rgb(117, 59, 109)  
}
```

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(117, 59, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 59, 109) }
```

Border

The CSS property to change the border of an element to YUV 82.0420, 13.2903, 30.6582 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(117, 59, 109) }
```


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

```
.border{ border-color:rgb(117, 59, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 59, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 59, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 59, 109); box-shadow:4px 4px 4px 4px rgb(117, 59, 109) }
```

Background

The CSS property to change the background color of an element to YUV 82.0420, 13.2903, 30.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 59, 109) }
```

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

```
.background{ background-color: rgb(117, 59,  
109) }
```

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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