

Converting Colors

YUV(69.2620, 23.0418, 29.5882)

Have a look what the booklet for
YUV(69.2620, 23.0418, 29.5882)
contains.

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Color

**YUV(69.2620, 23.0418,
29.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	672B74
RGB	103, 43, 116
RGB Percent	40%, 17%, 45%
CMY	0.5961, 0.8314, 0.5451
CMYK	0.11, 0.63, 0.00, 0.55
HSL	289°, 46%, 31%
HSV	289°, 63%, 45%
XYZ	9.6098, 5.8723, 17.1500
YIQ	69.2620, 12.3270, 35.4230

Conversions

Conversions Part 2

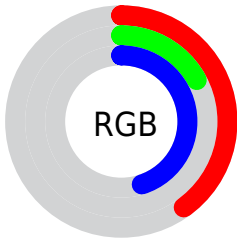
Format	Color
R_{YB}	103, 43, 116
Decimal	6761332
CIE Lab	29.09, 38.59, -30.27
CIE LCh	29, 49.045, 321.885
Yxy	5.8723, 0.2945, 0.1800
Android (android.graphics.Color)	4284951412 (0xFF672B74)
YUV	69.2620, 23.0418, 29.5882
Hunter-Lab	24.2328, 28.3788, -24.9977

Details

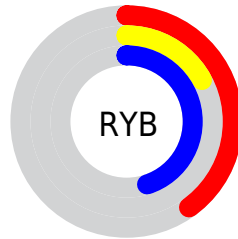
The YUV color **69.2620, 23.0418, 29.5882** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.7380, -23.0418, -29.5882**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3870, 23.4732, 31.2326**, and **23.4850, 21.4529, 25.8847** is the 20% darker color. If you saturate the color by 10%, you get **61.6200, 26.8093, 34.5363**, and if you desaturate by 10%, it is **76.9040, 19.2743, 24.6402**.

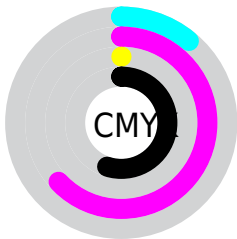
Distribution



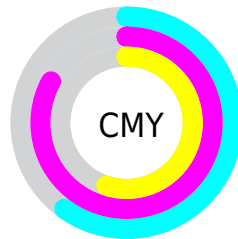
- Red (40%)
- Green (17%)
- Blue (45%)



- Red (40%)
- Yellow (17%)
- Blue (45%)



- Cyan (11%)
- Magenta (63%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2620, 23.0418, 29.5882 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 69.2620, 23.0418, 29.5882 by changing the saturation by 10% instead.

69.2620, 23.0418,
29.5882

69.2620, 23.0418,
29.5882

255.0000, 0.0000,
0.0000

43.6750, 23.3312,
30.1030

120.3870, 23.4732,
31.2326

23.4850, 21.4529,
25.8847

146.6260, 24.3414,
32.7770

14.9970, 14.7915,
15.7886

173.4520, 24.9202,
33.8066

3.2090, 9.7570,
-2.8143

201.8650, 25.2096,
34.3214

0.0000, 0.0000,
0.0000

222.1280, 16.2059,
28.8287

239.1510, 7.8136,

13.8996

■ 69.2620, 23.0418,
29.5882

■ 69.2620, 23.0418,
29.5882

■ 61.6200, 26.8093,
34.5363

■ 76.9040, 19.2743,
24.6402

■ 54.5650, 30.2875,
38.9695

■ 83.9590, 15.7962,
20.2070

■ 46.9230, 34.0550,
43.9175

■ 91.6010, 12.0287,
15.2589

■ 41.6290, 36.6649,
46.8064

■ 98.6560, 8.5506,
10.8257

■ 106.2980, 4.7831,
5.8777

■ 113.9400, 1.0156,
0.9296

■ 120.9950, -2.4625,
-3.5036

■ 128.9360, -6.3774,
-7.8369

■ 135.9910, -9.8556,
-12.2701

Harmonies

Analogous

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



64.3030, 37.3186, -23.0677



69.2620, 23.0418, 29.5882



61.0180, 9.8511, 60.4972

Triad

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



69.2620, 23.0418, 29.5882



64.7880, -31.9405, 24.7419



60.8390, 17.3344, -53.3558

Complementary

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



69.2620, 23.0418, 29.5882



89.7380, -23.0418, -29.5882

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.



55.8060, 0.5886, -48.9419



69.2620, 23.0418, 29.5882



61.3670, -30.2539, -2.9529

Square

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



69.2620, 23.0418, 29.5882



63.1530, -28.6694, 48.9778



49.3710, -16.4519, -43.2984



63.3130, 31.8907, -55.5255

Rectangle

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



69.2620, 23.0418, 29.5882



58.0760, -1.5165, 66.5853



49.3710, -16.4519, -43.2984



59.3570, 11.6560, -52.0561

Sweetspot

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



69.2620, 23.0418, 29.5882



132.0690, 8.8400, 11.3405



58.9530, 28.1242, -13.9908



65.2380, 5.7987, 6.8073



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.



69.2620, 23.0418, 29.5882



77.1020, 35.9387, 46.3915



70.5270, 11.0792, 39.8798



55.1790, 1.8838, 2.4740



44.1070, 38.4012, 49.8952



89.7950, 78.9811, 101.0348

Inverse Universe

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



66.3090, -5.0823, 43.5790



72.3660, -8.0684, 68.0850



88.4730, -11.0792, -39.8798



54.9080, -0.4476, 3.5887



38.9860, -8.3741, 72.8033



79.8800, -17.1958, 149.1952

Previews

White Background



This preview shows how the YUV color 69.2620, 23.0418, 29.5882 looks on a white background.

Color Contrast Check

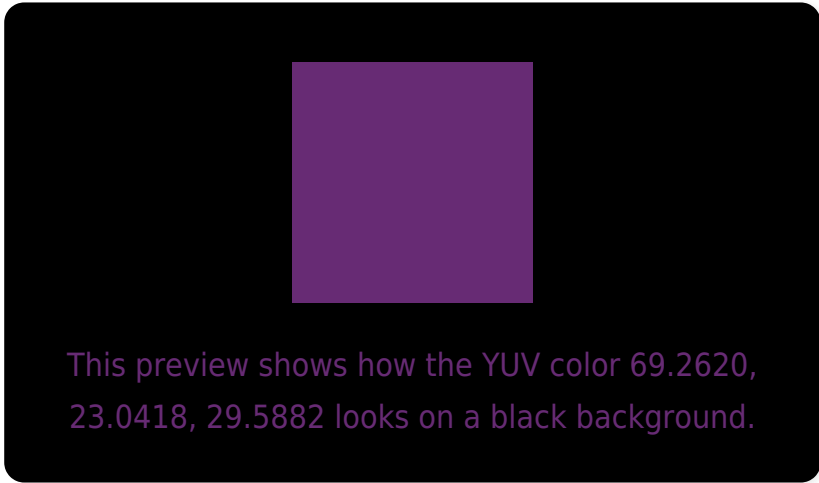
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.2620, 23.0418, 29.5882

Background



This preview shows how black text looks on a background with the YUV color 69.2620, 23.0418, 29.5882.



This preview shows how white text looks on a background with the YUV color 69.2620, 23.0418,

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

69.2620, 23.0418, 29.5882

Protanopia

60.9700, 38.9618, -36.8077

Deuteranopia

67.1990, 21.5939, -19.4685



Tritanopia

70.5190, -3.7069, 22.3468

Trichromacy



Original Color

69.2620, 23.0418, 29.5882

Protanomaly

63.9300, 33.0655, -12.2166

Deuteranomaly

67.8360, 22.2659, -1.6102

Tritanomaly

70.0600, 5.8864, 25.3804

Monochromacy



Original Color

69.2620, 23.0418, 29.5882

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2430, 8.2612, 10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2620, 23.0418, 29.5882 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, 43, 116)` looks like.

```
.text, #text, p{  
    color:rgb(103, 43, 116)  
}
```

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, 43, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 43, 116) }
```

Border

The CSS property to change the border of an element to YUV 69.2620, 23.0418, 29.5882 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, 43, 116) }
```


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

```
.border{ border-color:rgb(103, 43, 116) }
```

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

Here you see how a box with a 4 pixel rgb(103, 43, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 43, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 43, 116);  
box-shadow:4px 4px 4px 4px rgb(103, 43,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 69.2620, 23.0418, 29.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 43, 116) }
```

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

```
.background{ background-color: rgb(103, 43,  
116) }
```

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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