

Converting Colors

YUV(68.0180, 23.1621, 37.6952)

Have a look what the booklet for
YUV(68.0180, 23.1621, 37.6952)
contains.

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Color

**YUV(68.0180, 23.1621,
37.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	6F2573
RGB	111, 37, 115
RGB Percent	44%, 15%, 45%
CMY	0.5647, 0.8549, 0.5490
CMYK	0.03, 0.68, 0.00, 0.55
HSL	297°, 51%, 30%
HSV	297°, 68%, 45%
XYZ	10.3116, 5.9404, 16.8228
YIQ	68.0180, 19.0660, 39.9460

Conversions

Conversions Part 2

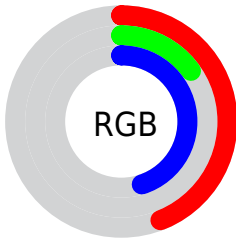
Format	Color
R_{YB}	111, 37, 115
Decimal	7284083
CIE _{Lab}	29.26, 43.38, -29.28
CIE _{LCh}	29, 52.334, 325.978
Y _{xy}	5.9404, 0.3118, 0.1796
Android (android.graphics.Color)	4285474163 (0xFF6F2573)
YUV	68.0180, 23.1621, 37.6952
Hunter-Lab	24.3730, 32.8661, -23.8621

Details

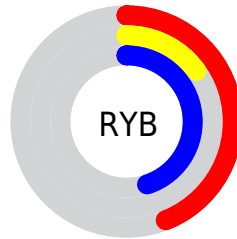
The YUV color **68.0180, 23.1621, 37.6952** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **83.9820, -23.1621, -37.6952**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0290, 23.1567, 39.4396**, and **25.4640, 19.9842, 30.2881** is the 20% darker color. If you saturate the color by 10%, you get **60.6750, 26.7822, 43.2580**, and if you desaturate by 10%, it is **74.7740, 19.8314, 32.6472**.

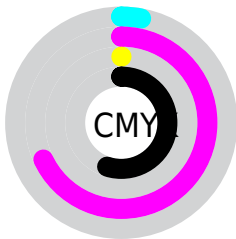
Distribution



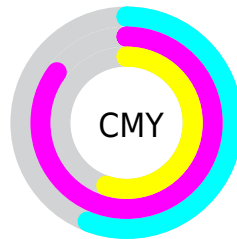
- Red (44%)
- Green (15%)
- Blue (45%)



- Red (44%)
- Yellow (15%)
- Blue (45%)



- Cyan (3%)
- Magenta (68%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0180, 23.1621, 37.6952 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 68.0180, 23.1621, 37.6952 by changing the saturation by 10% instead.

68.0180, 23.1621,
37.6952

68.0180, 23.1621,
37.6952

255.0000, 0.0000,
0.0000

39.1970, 25.0459,
40.1692

120.0290, 23.1567,
39.4396

25.4640, 19.9842,
30.2881

146.8550, 23.7355,
40.4692

16.6770, 13.4702,
19.5773

174.5670, 23.8775,
41.5987

3.0950, 9.3202,
-2.7143

202.3930, 24.4563,
42.6283

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 68.0180, 23.1621,
37.6952

■ 68.0180, 23.1621,
37.6952

■ 60.6750, 26.7822,
43.2580

■ 74.7740, 19.8314,
32.6472

■ 54.2180, 29.9655,
48.9208

■ 81.8180, 16.3587,
26.4696

■ 46.8750, 33.5856,
54.4836

■ 89.1610, 12.7386,
20.9068

■ 45.7010, 34.1644,
55.5132

■ 95.6180, 9.5553,
15.2440

■ 102.3740, 6.2246,
10.1960

■ 109.7170, 2.6045,
4.6332

■ 116.7610, -0.8682,
-1.5444

■ 123.5170, -4.1989,
-6.5924

■ 129.9740, -7.3822,
-12.2552

Harmonies

Analogous

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



66.7600, 37.5863, -15.5755



68.0180, 23.1621, 37.6952



55.1980, 10.2554, 70.8634

Triad

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



68.0180, 23.1621, 37.6952



65.0650, -32.0770, 21.8680



62.3380, 20.5394, -54.6704

Complementary

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



68.0180, 23.1621, 37.6952



83.9820, -23.1621, -37.6952

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.



57.5500, 2.1939, -50.4714



68.0180, 23.1621, 37.6952



60.4480, -29.8009, -8.2859

Square

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



68.0180, 23.1621, 37.6952



63.1700, -31.1428, 48.9629



50.7730, -16.1571, -44.5279



64.8120, 35.0957, -56.8401

Rectangle

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



68.0180, 23.1621, 37.6952



54.4790, -2.7011, 73.2479



50.7730, -16.1571, -44.5279



60.7420, 14.4242, -53.2707

Sweetspot

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



68.0180, 23.1621, 37.6952



132.0910, 8.8291, 14.8292



48.8270, 32.6233, -10.3723



65.5480, 5.6458, 9.1664



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.



68.0180, 23.1621, 37.6952



77.1790, 35.9008, 58.6020



65.3380, 7.7214, 43.5536



55.1790, 1.8838, 2.4740



48.5920, 36.1901, 59.1168



99.3630, 74.2640, 120.7076

Inverse Universe

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



60.7780, -9.7506, 47.5527



65.8630, -15.2155, 73.7881



86.6620, -7.7214, -43.5536



54.7940, -0.8844, 3.6887



37.1620, -15.3629, 74.4029



76.2320, -31.1734, 152.3945

Previews

White Background



This preview shows how the YUV color 68.0180, 23.1621, 37.6952 looks on a white background.

Color Contrast Check

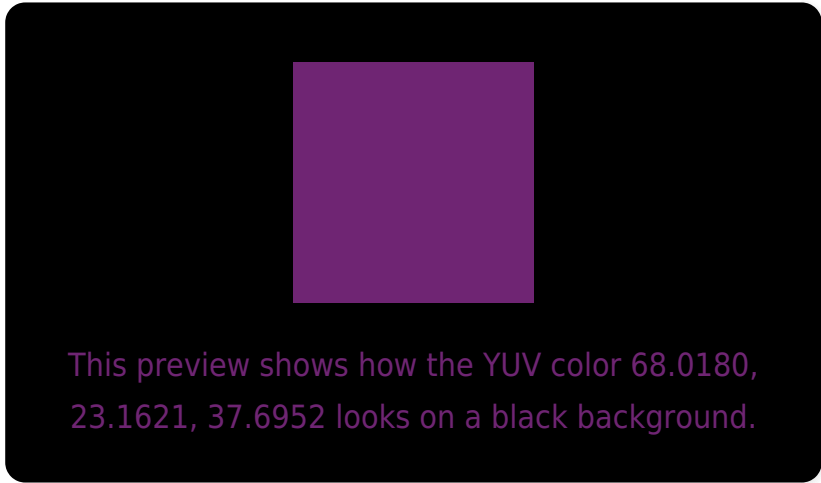
Large Text (above 18pt) WCAG AA ✓ Pass

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

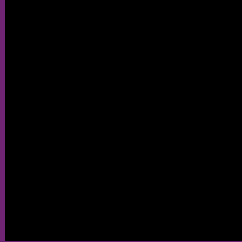
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0180, 23.1621, 37.6952

Background



This preview shows how black text looks on a background with the YUV color 68.0180, 23.1621, 37.6952.



This preview shows how white text looks on a background with the YUV color 68.0180, 23.1621,

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

68.0180, 23.1621, 37.6952

Protanopia

55.7450, 43.5097, -48.8884

Deuteranopia

68.2810, 20.5675, -16.9094



Tritanopia

70.1070, -5.4758, 29.7242

Trichromacy



Original Color

68.0180, 23.1621, 37.6952

Protanomaly

59.9940, 35.9920, -17.5347

Deuteranomaly

68.3420, 21.5234, 3.2081

Tritanomaly

69.1750, 4.8437, 33.1725

Monochromacy



Original Color

68.0180, 23.1621, 37.6952

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2650, 8.2504, 13.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0180, 23.1621, 37.6952 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(111, 37, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 37, 115)  
}
```

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(111, 37, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 37, 115) }
```

Border

The CSS property to change the border of an element to YUV 68.0180, 23.1621, 37.6952 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(111, 37, 115) }
```


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

```
.border{ border-color:rgb(111, 37, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 37, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 37, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 37, 115); box-shadow:4px 4px 4px 4px rgb(111, 37, 115) }
```

Background

The CSS property to change the background color of an element to YUV 68.0180, 23.1621, 37.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 37, 115) }
```

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

```
.background{ background-color: rgb(111, 37,  
115) }
```

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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