

Converting Colors

YUV(68.7380, -2.3358, 49.3418)

Have a look what the booklet for
YUV(68.7380, -2.3358, 49.3418)
contains.

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Color

**YUV(68.7380, -2.3358,
49.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	7D2940
RGB	125, 41, 64
RGB Percent	49%, 16%, 25%
CMY	0.5098, 0.8392, 0.7490
CMYK	0.00, 0.67, 0.49, 0.51
HSL	344°, 51%, 33%
HSV	344°, 67%, 49%
XYZ	10.1758, 6.3160, 5.5333
YIQ	68.7380, 42.6810, 24.9610

Conversions

Conversions Part 2

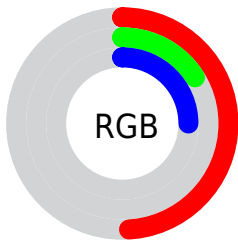
Format	Color
RYB	125, 41, 64
Decimal	8202560
CIELab	30.20, 38.30, 5.57
CIELCh	30, 38.699, 8.272
Yxy	6.3160, 0.4620, 0.2868
Android (android.graphics.Color)	4286392640 (0xFF7D2940)
YUV	68.7380, -2.3358, 49.3418
Hunter-Lab	25.1317, 28.2941, 4.5382

Details

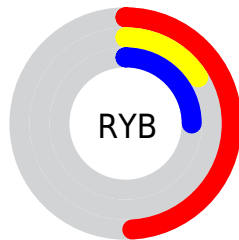
The YUV color **68.7380, -2.3358, 49.3418** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **97.2620, 2.3358, -49.3418**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8910, -4.3833, 52.7156**, and **23.7370, -0.8563, 41.4497** is the 20% darker color. If you saturate the color by 10%, you get **60.6680, -2.7943, 56.4192**, and if you desaturate by 10%, it is **77.3950, -2.1667, 41.7496**.

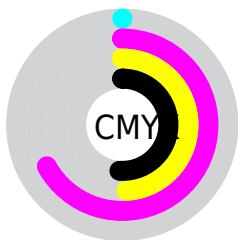
Distribution



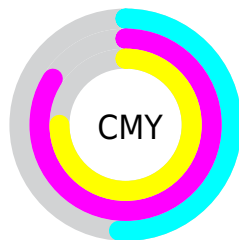
- Red (49%)
- Green (16%)
- Blue (25%)



- Red (49%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (49%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7380, -2.3358, 49.3418 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 68.7380, -2.3358, 49.3418 by changing the saturation by 10% instead.

68.7380, -2.3358,
49.3418

68.7380, -2.3358,
49.3418

255.0000, 0.0000,
0.0000

41.7210, 0.1375,
49.3567

120.8910, -4.3833,
52.7156

23.7370, -0.8563,
41.4497

147.0870, -4.9729,
55.1747

14.8790, -6.3493,
29.9241

174.5710, -5.7045,
56.5042

0.0000, 0.0000,
0.0000

198.2820, -4.0830,
49.7417

217.9100, 0.0444,
32.5279

238.1250, 3.8824,

14.7994

■ 68.7380, -2.3358,
49.3418

■ 68.7380, -2.3358,
49.3418

■ 60.6680, -2.7943,
56.4192

■ 77.3950, -2.1667,
41.7496

■ 52.0110, -2.9634,
64.0114

■ 85.4650, -1.7082,
34.6722

■ 43.9410, -3.4219,
71.0887

■ 94.1220, -1.5391,
27.0800

■ 41.2510, -3.5747,
73.4479

■ 102.1920, -1.0807,
20.0026

■ 110.8490, -0.9116,
12.4104

■ 118.9190, -0.4531,
5.3330

■ 127.6900, 0.1528,
-2.3591

■ 135.7600, 0.6113,
-9.4365

■ 144.4170, 0.7804,
-17.0287

Harmonies

Analogous

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



71.5050, 11.0900, 36.3911



68.7380, -2.3358, 49.3418



68.6330, -16.5811, 45.0489

Triad

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



68.7380, -2.3358, 49.3418



62.8800, -21.6328, -14.8038



61.4380, 32.3221, -53.8811

Complementary

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



68.7380, -2.3358, 49.3418



97.2620, 2.3358, -49.3418

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.



61.6200, 22.8653, -54.0407



68.7380, -2.3358, 49.3418



54.7800, -3.3425, -48.0421

Square

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



68.7380, -2.3358, 49.3418



65.7000, -31.8971, 10.7871



58.9010, 9.9088, -51.6562



60.1880, 34.9103, -44.0149

Rectangle

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



68.7380, -2.3358, 49.3418



68.4010, -24.8477, 36.4823



58.9010, 9.9088, -51.6562



62.0420, 29.5593, -54.4108

Sweetspot

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



68.7380, -2.3358, 49.3418



141.4800, -1.2226, 18.8730



68.5160, 27.8466, 28.4885



68.5500, -0.7641, 11.7957



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



68.7380, -2.3358, 49.3418



74.5720, -3.7330, 77.5514



76.6820, -17.5912, 42.3749



59.3210, -0.1583, 4.1035



42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.7380, -2.3358, 49.3418



74.5720, -3.7330, 77.5514



89.3180, 17.5912, -42.3749



59.3210, -0.1583, 4.1035



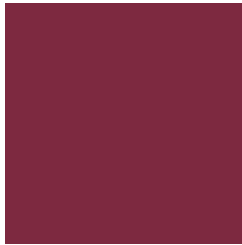
42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.7380, -2.3358, 49.3418 looks on a white background.

Color Contrast Check

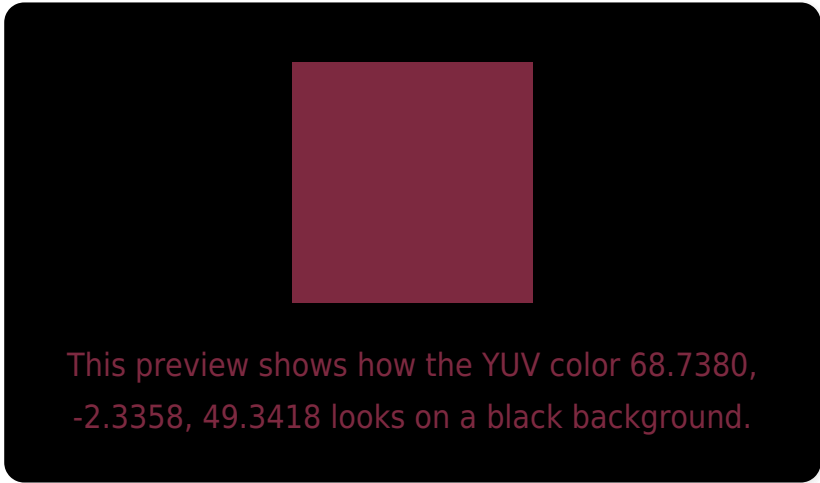
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.7380, -2.3358, 49.3418

Background



This preview shows how black text looks on a background with the YUV color 68.7380, -2.3358, 49.3418.



This preview shows how white text looks on a background with the YUV color 68.7380, -2.3358,

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

68.7380, -2.3358, 49.3418

Protanopia

72.7270, 4.0786, -1.5146

Deuteranopia

72.1600, -5.9949, 9.5067



Tritanopia

68.2620, -10.4822, 48.8822

Trichromacy



Original Color

68.7380, -2.3358, 49.3418

Protanomaly

71.5660, 1.6930, 17.0436

Deuteranomaly

70.8890, -4.8753, 23.7763

Tritanomaly

68.3590, -7.5720, 48.7972

Monochromacy



Original Color

68.7380, -2.3358, 49.3418

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8820, -0.9278, 17.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7380, -2.3358, 49.3418 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(125, 41, 64)` looks like.

```
.text, #text, p{  
    color:rgb(125, 41, 64)  
}
```

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(125, 41, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 41, 64) }
```

Border

The CSS property to change the border of an element to YUV 68.7380, -2.3358, 49.3418 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(125, 41, 64) }
```


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

```
.border{ border-color:rgb(125, 41, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 41, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 41, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 41, 64);  
box-shadow:4px 4px 4px 4px rgb(125, 41,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 68.7380, -2.3358, 49.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 41, 64) }
```

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

```
.background{ background-color: rgb(125, 41,  
64) }
```

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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