

Converting Colors

YUV(48.1240, 12.2639, 33.2173)

Have a look what the booklet for
YUV(48.1240, 12.2639, 33.2173)
contains.

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Color

**YUV(48.1240, 12.2639,
33.2173)**

Conversions

Conversions Part 1

Format	Color
Hex	561849
RGB	86, 24, 73
RGB Percent	34%, 9%, 29%
CMY	0.6627, 0.9059, 0.7137
CMYK	0.00, 0.72, 0.15, 0.66
HSL	313°, 56%, 22%
HSV	313°, 72%, 34%
XYZ	5.3670, 3.1127, 6.6213
YIQ	48.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

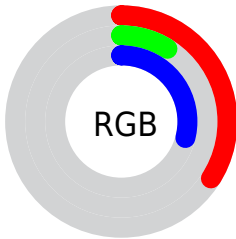
Format	Color
RYB	86, 24, 73
Decimal	5642313
CIELab	20.49, 34.54, -15.73
CIElCh	20, 37.954, 335.507
Yxy	3.1127, 0.3554, 0.2061
Android (android.graphics.Color)	4283832393 (0xFF561849)
YUV	48.1240, 12.2639, 33.2173
Hunter-Lab	17.6430, 23.4245, -9.9010

Details

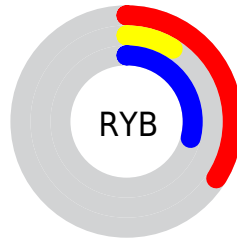
The YUV color **48.1240, 12.2639, 33.2173** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.8760, -12.2639, -33.2173**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.0210, 11.8216, 35.0616**, and **15.6790, 7.0603, 22.2065** is the 20% darker color. If you saturate the color by 10%, you get **42.6130, 13.9948, 38.0504**, and if you desaturate by 10%, it is **53.6350, 10.5329, 28.3841**.

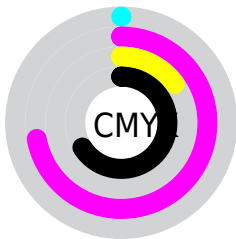
Distribution



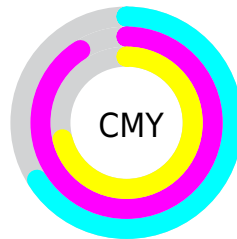
- Red (34%)
- Green (9%)
- Blue (29%)



- Red (34%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (15%)
- Black (66%)



- Cyan (66%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1240, 12.2639, 33.2173 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 48.1240, 12.2639, 33.2173 by changing the saturation by 10% instead.

■ 48.1240, 12.2639,
33.2173

■ 48.1240, 12.2639,
33.2173

■ 255.0000, 0.0000,
0.0000

■ 23.9390, 12.8481,
32.5025

■ 98.0210, 11.8216,
35.0616

■ 15.6790, 7.0603,
22.2065

■ 123.7330, 11.9636,
36.1912

■ 0.0000, 0.0000,
0.0000


■ 150.3310, 11.6688,
37.4207


■ 177.1570, 12.2476,
38.4503


■ 204.8690, 12.3896,
39.5799


■ 225.6500, 14.4696,


25.7400


 242.0860, 6.3666,
11.3256

 48.1240, 12.2639,
33.2173


 48.1240, 12.2639,
33.2173

 42.6130, 13.9948,
38.0504

 53.6350, 10.5329,
28.3841


 37.6890, 15.4363,
42.3687

 58.5590, 9.0914,
24.0658

 33.4660, 17.0253,
46.0723

 63.9560, 6.9237,
19.3326

 68.8800, 5.4822,
15.0142

 74.3910, 3.7512,
10.1811

■ 79.9020, 2.0203,
5.3479

■ 84.8260, 0.5788,
1.0296

■ 90.2230, -1.5889,
-3.7036

■ 95.1470, -3.0305,
-8.0219

Harmonies

Analogous

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



50.1680, 22.1022, 4.2377



48.1240, 12.2639, 33.2173



43.2370, 0.8692, 48.0272

Triad

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



48.1240, 12.2639, 33.2173



46.3930, -22.8717, 9.3023



45.0410, 17.7278, -39.5010

Complementary

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



48.1240, 12.2639, 33.2173



61.8760, -12.2639, -33.2173

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.



42.5500, 5.6449, -37.3163



48.1240, 12.2639, 33.2173



41.8310, -20.6227, -12.1298

Square

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



48.1240, 12.2639, 33.2173



46.8130, -23.0788, 29.1050



38.0700, -6.4435, -33.3874



45.4460, 26.8951, -39.8561

Rectangle

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



48.1240, 12.2639, 33.2173



43.8210, -8.2928, 46.6380



38.0700, -6.4435, -33.3874



44.7160, 13.9440, -39.2159

Sweetspot

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



48.1240, 12.2639, 33.2173



97.3420, 4.7614, 12.8551



34.6560, 25.3126, 1.1787



47.4400, 2.7411, 7.5071



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



48.1240, 12.2639, 33.2173



52.7810, 19.3350, 51.9351



44.7040, -0.8401, 36.2166



40.5380, 0.7208, 2.1592



41.6830, 21.3553, 57.2830



91.3550, 46.1670, 125.9767

Inverse Universe

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



48.1240, 12.2639, 33.2173



52.7810, 19.3350, 51.9351



65.2960, 0.8401, -36.2166



40.5380, 0.7208, 2.1592



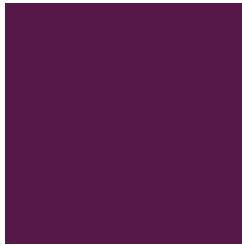
41.6830, 21.3553, 57.2830



91.3550, 46.1670, 125.9767

Previews

White Background



This preview shows how the YUV color 48.1240, 12.2639, 33.2173 looks on a white background.

Color Contrast Check

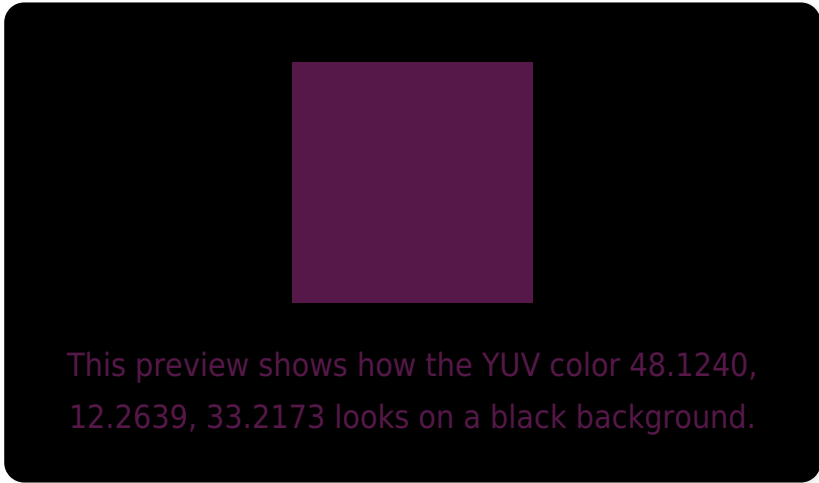
Large Text (above 18pt) WCAG AA ✓ Pass

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

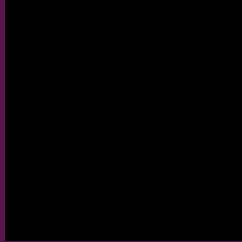
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1240, 12.2639, 33.2173

Background



This preview shows how black text looks on a background with the YUV color 48.1240, 12.2639, 33.2173.



This preview shows how white text looks on a background with the YUV color 48.1240, 12.2639,

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

48.1240, 12.2639, 33.2173

Protanopia

47.8510, 22.7515, -17.4093

Deuteranopia

50.6710, 9.0362, -4.9735



Tritanopia

49.6940, -5.7651, 29.2094

Trichromacy



Original Color

48.1240, 12.2639, 33.2173

Protanomaly

47.9350, 18.7660, 0.9340

Deuteranomaly

49.9870, 9.8664, 8.7814

Tritanomaly

49.1270, 0.9234, 30.5836

Monochromacy



Original Color

48.1240, 12.2639, 33.2173

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9290, 4.4720, 12.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1240, 12.2639, 33.2173 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(86, 24, 73)` looks like.

```
.text, #text, p{  
    color:rgb(86, 24, 73)  
}
```

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(86, 24, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 24, 73) }
```

Border

The CSS property to change the border of an element to YUV 48.1240, 12.2639, 33.2173 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(86, 24, 73) }
```


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

```
.border{ border-color:rgb(86, 24, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 24, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 24, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 24, 73);  
box-shadow:4px 4px 4px 4px rgb(86, 24, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.1240, 12.2639, 33.2173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 24, 73) }
```

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

```
.background{ background-color: rgb(86, 24,  
73) }
```

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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