

Converting Colors

YUV(47.2440, 10.2327, 31.3580)

Have a look what the booklet for
YUV(47.2440, 10.2327, 31.3580)
contains.

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Color

**YUV(47.2440, 10.2327,
31.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	531944
RGB	83, 25, 68
RGB Percent	33%, 10%, 27%
CMY	0.6745, 0.9020, 0.7333
CMYK	0.00, 0.70, 0.18, 0.67
HSL	316°, 54%, 21%
HSV	316°, 70%, 33%
XYZ	4.9583, 2.9516, 5.7772
YIQ	47.2440, 20.7650, 25.6690

Conversions

Conversions Part 2

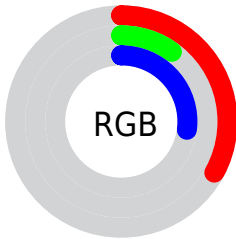
Format	Color
RYB	83, 25, 68
Decimal	5445956
CIELab	19.85, 32.30, -13.34
CIELCh	20, 34.951, 337.554
Yxy	2.9516, 0.3623, 0.2156
Android (android.graphics.Color)	4283636036 (0xFF531944)
YUV	47.2440, 10.2327, 31.3580
Hunter-Lab	17.1803, 21.4504, -7.9113

Details

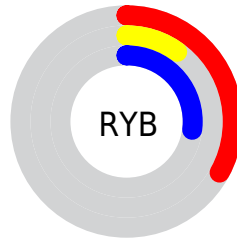
The YUV color **47.2440, 10.2327, 31.3580** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **60.7560, -10.2327, -31.3580**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4400, 9.6431, 33.8171**, and **14.6250, 5.6079, 21.3769** is the 20% darker color. If you saturate the color by 10%, you get **42.3200, 11.6742, 35.6764**, and if you desaturate by 10%, it is **52.1680, 8.7912, 27.0397**.

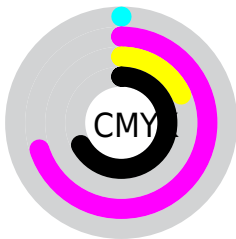
Distribution



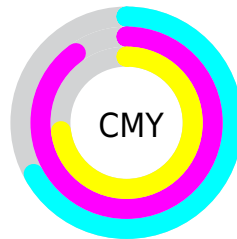
- Red (33%)
- Green (10%)
- Blue (27%)



- Red (33%)
- Yellow (10%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (18%)
- Black (67%)



- Cyan (67%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2440, 10.2327, 31.3580 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 47.2440, 10.2327, 31.3580 by changing the saturation by 10% instead.

47.2440, 10.2327,
31.3580

47.2440, 10.2327,
31.3580

255.0000, 0.0000,
0.0000

22.5860, 11.5431,
31.0581

96.4400, 9.6431,
33.8171

14.6250, 5.6079,
21.3769

121.8530, 9.9325,
34.3319

0.0000, 0.0000,
0.0000

147.8640, 9.9270,
36.0763


175.2770, 10.2164,
36.5911


202.9890, 10.3584,
37.7206

225.3080, 13.1592,


26.0399


 242.0860, 6.3666,
11.3256

 47.2440, 10.2327,
31.3580


 47.2440, 10.2327,
31.3580


 42.3200, 11.6742,
35.6764

 52.1680, 8.7912,
27.0397


 36.8090, 13.4052,
40.5095

 57.6790, 7.0603,
22.2065

 31.8850, 14.8467,
44.8279

 62.6030, 5.6187,
17.8882

 67.6410, 4.6140,
13.4698

 72.5650, 3.1725,
9.1515

■ 78.0760, 1.4415,
4.3183

■ 83.0000, 0.0000,
0.0000

■ 87.9240, -1.4415,
-4.3183

■ 93.4350, -3.1725,
-9.1515

Harmonies

Analogous

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



49.1960, 19.6234, 5.9671



47.2440, 10.2327, 31.3580



43.8620, -0.4250, 43.0940

Triad

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



47.2440, 10.2327, 31.3580



45.2080, -22.2875, 8.5876



43.6390, 17.4330, -38.2714

Complementary

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



47.2440, 10.2327, 31.3580



60.7560, -10.2327, -31.3580

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.



40.7890, 6.5130, -35.7720



47.2440, 10.2327, 31.3580



40.0590, -19.7491, -12.3297

Square

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



47.2440, 10.2327, 31.3580



45.3180, -22.3418, 26.0311



37.1240, -4.9911, -32.5577



43.7020, 25.2899, -38.3267

Rectangle

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



47.2440, 10.2327, 31.3580



44.2610, -9.0027, 40.9901



37.1240, -4.9911, -32.5577



42.7270, 13.9386, -37.4716

Sweetspot

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



47.2440, 10.2327, 31.3580



93.4020, 3.7458, 11.9254



35.7980, 23.2706, 2.8082



45.3260, 2.3043, 7.6071



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



47.2440, 10.2327, 31.3580



51.5480, 15.9988, 48.6314



43.9380, -2.4344, 34.2574



38.5380, 0.7208, 2.1592



40.2870, 18.5925, 56.7533



88.9760, 40.9308, 125.4320

Inverse Universe

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



47.2440, 10.2327, 31.3580



51.5480, 15.9988, 48.6314



64.0620, 2.4344, -34.2574



38.5380, 0.7208, 2.1592



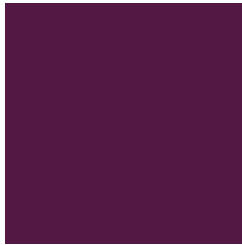
40.2870, 18.5925, 56.7533



88.9760, 40.9308, 125.4320

Previews

White Background



This preview shows how the YUV color 47.2440, 10.2327, 31.3580 looks on a white background.

Color Contrast Check

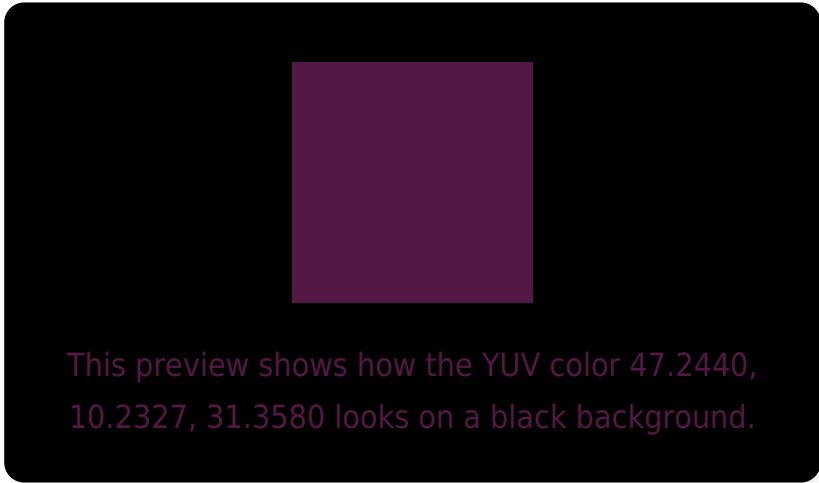
Large Text (above 18pt) WCAG AA ✓ Pass

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

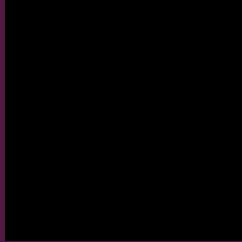
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2440, 10.2327, 31.3580

Background



This preview shows how black text looks on a background with the YUV color 47.2440, 10.2327, 31.3580.



This preview shows how white text looks on a background with the YUV color 47.2440, 10.2327,

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

47.2440, 10.2327, 31.3580

Protanopia

47.6620, 19.3936, -13.7356

Deuteranopia

49.9270, 7.4310, -3.4440



Tritanopia

48.0960, -5.4703, 27.9798

Trichromacy



Original Color

47.2440, 10.2327, 31.3580

Protanomaly

47.8490, 15.8504, 2.7634

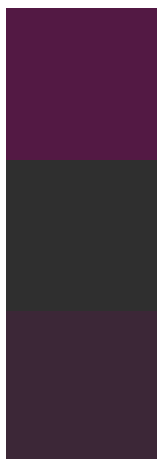
Deuteranomaly

48.6450, 8.5560, 9.0813

Tritanomaly

47.8880, 0.0552, 29.0392

Monochromacy



Original Color

47.2440, 10.2327, 31.3580

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1030, 3.8932, 11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2440, 10.2327, 31.3580 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(83, 25, 68)` looks like.

```
.text, #text, p{  
    color:rgb(83, 25, 68)  
}
```

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(83, 25, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 25, 68) }
```

Border

The CSS property to change the border of an element to YUV 47.2440, 10.2327, 31.3580 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(83, 25, 68) }
```


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

```
.border{ border-color:rgb(83, 25, 68) }
```

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

Here you see how a box with a 4 pixel rgb(83, 25, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 25, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 25, 68);  
box-shadow:4px 4px 4px 4px rgb(83, 25, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.2440, 10.2327, 31.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 25, 68) }
```

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

```
.background{ background-color: rgb(83, 25,  
68) }
```

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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