

Converting Colors

YUV(49.5360, 27.3438, 3.0379)

Have a look what the booklet for
YUV(49.5360, 27.3438, 3.0379)
contains.

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Color

**YUV(49.5360, 27.3438,
3.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	352569
RGB	53, 37, 105
RGB Percent	21%, 15%, 41%
CMY	0.7922, 0.8549, 0.5882
CMYK	0.50, 0.65, 0.00, 0.59
HSL	254°, 48%, 28%
HSV	254°, 65%, 41%
XYZ	4.6796, 3.0999, 13.7163
YIQ	49.5360, -12.2920, 24.5400

Conversions

Conversions Part 2

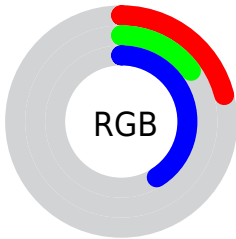
Format	Color
R_{YB}	53, 37, 105
Decimal	3482985
CIE _{Lab}	20.44, 26.19, -37.43
CIE _{LCh}	20, 45.683, 304.978
Yxy	3.0999, 0.2177, 0.1442
Android (android.graphics.Color)	4281673065 (0xFF352569)
YUV	49.5360, 27.3438, 3.0379
Hunter-Lab	17.6066, 16.6308, -33.8647

Details

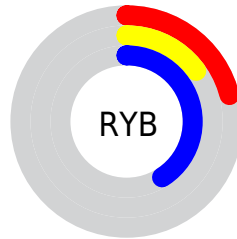
The YUV color **49.5360, 27.3438, 3.0379** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.4640, -27.3438, -3.0379**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7150, 29.2275, 5.5119**, and **8.5910, 23.8656, -1.3953** is the 20% darker color. If you saturate the color by 10%, you get **40.6870, 31.7063, 3.7825**, and if you desaturate by 10%, it is **58.3850, 22.9812, 2.2934**.

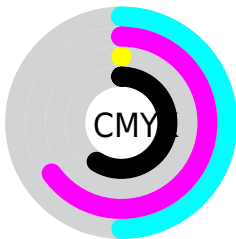
Distribution



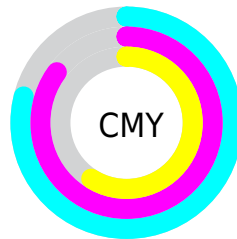
- Red (21%)
- Green (15%)
- Blue (41%)



- Red (21%)
- Yellow (15%)
- Blue (41%)



- Cyan (50%)
- Magenta (65%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (85%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5360, 27.3438, 3.0379 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 49.5360, 27.3438, 3.0379 by changing the saturation by 10% instead.

■ 49.5360, 27.3438,
3.0379

■ 49.5360, 27.3438,
3.0379

■ 255.0000, 0.0000,
0.0000

■ 26.5850, 26.3336,
0.3640

■ 97.7150, 29.2275,
5.5119

■ 8.5910, 23.8656,
-1.3953

■ 122.9540, 30.0957,
7.0563

■ 5.1640, 14.7091,
-4.5288

■ 149.4810, 30.8219,
7.4712

■ 1.0260, 3.9312,
-0.8998

■ 176.0080, 31.5481,
7.8860

■ 0.0000, 0.0000,
0.0000

■ 202.2380, 26.0117,
10.3153

■ 227.0460, 13.7813,

13.1147

247.3690, 3.7621,
6.6924

49.5360, 27.3438,
3.0379

49.5360, 27.3438,
3.0379

40.6870, 31.7063,
3.7825

58.3850, 22.9812,
2.2934

32.4250, 35.7795,
4.0123

66.6470, 18.9080,
2.0636

24.1630, 39.8526,
4.2420

75.4960, 14.5455,
1.3190

19.4450, 42.1786,
4.8717

83.7580, 10.4723,
1.0892

92.6070, 6.1097,
0.3447

■ 100.8690, 2.0366,
0.1149

■ 109.7180, -2.3260,
-0.6297

■ 117.9800, -6.3991,
-0.8595

■ 126.8290,
-10.7617, -1.6040

Harmonies

Analogous

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



43.8620, 36.0570, -38.4670



49.5360, 27.3438, 3.0379



43.4440, 17.0361, 42.5836

Triad

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



49.5360, 27.3438, 3.0379



46.2480, -22.8003, 33.1085



43.1370, 5.3555, -37.8311

Complementary

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



49.5360, 27.3438, 3.0379



92.4640, -27.3438, -3.0379

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.



37.8590, -9.7905, -33.2023



49.5360, 27.3438, 3.0379



46.3930, -22.8717, 9.3023

Square

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



49.5360, 27.3438, 3.0379



39.0840, -13.8454, 54.3003



40.3250, -19.8802, -16.9480



46.8990, 19.7698, -41.1304

Rectangle

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



49.5360, 27.3438, 3.0379



37.1810, 9.2778, 57.7233



40.3250, -19.8802, -16.9480



41.7690, 0.1139, -36.6314

Sweetspot

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



49.5360, 27.3438, 3.0379



116.7580, 10.4723, 1.0892



75.2760, 14.6539, -33.5681



56.0200, 6.3991, 0.8595



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



49.5360, 27.3438, 3.0379



50.0860, 43.3416, 5.1866



59.7020, 22.3319, 23.9403



48.9830, 2.4734, 0.0149



21.7100, 46.9780, 5.5163



45.2720, 98.4659, 11.1625

Inverse Universe

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



63.2600, 12.6898, 36.6060



71.6400, 19.8975, 58.1977



82.2980, -22.3319, -23.9403



50.2500, 0.8628, 3.2887



45.2430, 22.0652, 62.9309



94.5730, 45.5665, 131.9245

Previews

White Background



This preview shows how the YUV color 49.5360, 27.3438, 3.0379 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



This preview shows how the YUV color 49.5360, 27.3438, 3.0379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

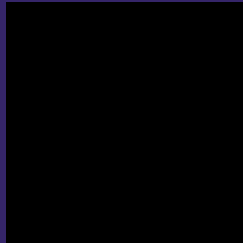
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5360, 27.3438, 3.0379

Background



This preview shows how black text looks on a background with the YUV color 49.5360, 27.3438, 3.0379.



This preview shows how white text looks on a background with the YUV color 49.5360, 27.3438,

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

49.5360, 27.3438, 3.0379

Deuteranopia

39.9690, 23.6793, -35.0528

Tritanopia

48.5690, 3.6635, -8.3920

Trichromacy



Original Color

49.5360, 27.3438, 3.0379

Deuteranomaly

43.3990, 24.9463, -21.3979

Tritanomaly

49.1810, 12.2358, -4.5437

Monochromacy



Original Color

49.5360, 27.3438, 3.0379

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.6440, 10.0355, 1.1892

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5360, 27.3438, 3.0379 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(53, 37, 105)` looks like.

```
.text, #text, p{  
    color:rgb(53, 37, 105)  
}
```

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(53, 37, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 37, 105) }
```

Border

The CSS property to change the border of an element to YUV 49.5360, 27.3438, 3.0379 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(53, 37, 105) }
```

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

```
.border{ border-color:rgb(53, 37, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 37, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 37, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 37, 105);  
box-shadow:4px 4px 4px 4px rgb(53, 37,  
105) }
```


Background

The CSS property to change the background color of an element to YUV 49.5360, 27.3438, 3.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 37, 105) }
```

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

```
.background{ background-color: rgb(53, 37,  
105) }
```

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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