

Converting Colors

YUV(27.3800, 44.1827, 15.4527)

Have a look what the booklet for
YUV(27.3800, 44.1827, 15.4527)
contains.

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Color

**YUV(27.3800, 44.1827,
15.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	2D0175
RGB	45, 1, 117
RGB Percent	18%, 0%, 46%
CMY	0.8235, 0.9961, 0.5412
CMYK	0.62, 0.99, 0.00, 0.54
HSL	263°, 98%, 23%
HSV	263°, 99%, 46%
XYZ	4.3039, 1.8640, 16.9626
YIQ	27.3800, -11.0120, 45.4040

Conversions

Conversions Part 2

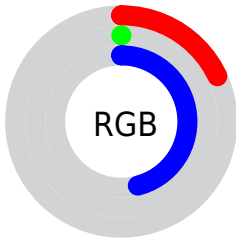
Format	Color
R_{YB}	45, 1, 117
Decimal	2949493
CIE _{Lab}	14.76, 45.64, -54.59
CIE _{LCh}	15, 71.156, 309.902
Yxy	1.8640, 0.1861, 0.0806
Android (android.graphics.Color)	4281139573 (0xFF2D0175)
YUV	27.3800, 44.1827, 15.4527
Hunter-Lab	13.6527, 32.3790, -64.1072

Details

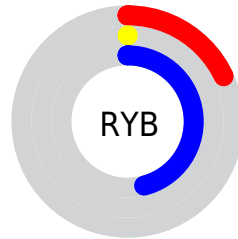
The YUV color **27.3800, 44.1827, 15.4527** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **90.6200, -44.1827, -15.4527**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5760, 43.5930, 17.9118**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **26.4940, 44.6195, 15.3528**, and if you desaturate by 10%, it is **36.5170, 39.6781, 13.5786**.

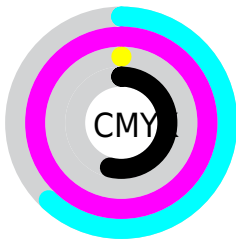
Distribution



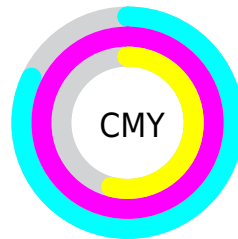
- Red (18%)
- Green (0%)
- Blue (46%)



- Red (18%)
- Yellow (0%)
- Blue (46%)



- Cyan (62%)
- Magenta (99%)
- Yellow (0%)
- Black (54%)



- Cyan (82%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3800, 44.1827, 15.4527 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 27.3800, 44.1827, 15.4527 by changing the saturation by 10% instead.

■ 27.3800, 44.1827,
15.4527

■ 27.3800, 44.1827,
15.4527

■ 246.7820, 4.0515,
7.2072

■ 13.1790, 38.8588,
-3.6650

■ 81.5760, 43.5930,
17.9118

■ 7.6380, 29.2655,
-6.6985

■ 107.5160, 44.6086,
18.8415

■ 6.7770, 18.3509,
-5.9434

■ 134.0540, 45.3294,
21.0006

■ 3.0950, 9.3202,
-2.7143

■ 160.9940, 46.3450,
21.9303


■ 0.0000, 0.0000,
0.0000


■ 185.5140, 34.2566,
25.8592


■ 210.3330, 22.0208,


30.4030


 230.3460, 12.1544,
21.6216


 27.3800, 44.1827,
15.4527


 27.3800, 44.1827,
15.4527


 26.4940, 44.6195,
15.3528

 36.5170, 39.6781,
13.5786

 45.3660, 35.3156,
12.8340

 54.5030, 30.8110,
10.9599

 63.6400, 26.3065,
9.0857

 72.1900, 22.0913,
7.7264

■ 81.6260, 17.4394,
6.4670

■ 90.7630, 12.9348,
4.5928

■ 99.9000, 8.4303,
2.7187

■ 108.4500, 4.2152,
1.3594

Harmonies

Analogous

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



40.7280, 49.4341, -35.7185



27.3800, 44.1827, 15.4527



39.1190, 16.7033, 56.0236

Triad

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



27.3800, 44.1827, 15.4527



32.9800, -16.2591, 35.0975



37.7400, 7.5232, -33.0980

Complementary

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



27.3800, 44.1827, 15.4527



90.6200, -44.1827, -15.4527

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.



31.1110, -15.3377, -27.2843



27.3800, 44.1827, 15.4527



33.6350, -16.5821, -1.4339

Square

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



27.3800, 44.1827, 15.4527



30.4980, -15.0355, 62.7073



28.7630, -14.1802, -25.2252



44.0270, 29.0737, -38.6117

Rectangle

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



27.3800, 44.1827, 15.4527



38.6460, 0.6675, 66.0855



28.7630, -14.1802, -25.2252



35.2150, 0.3870, -30.8836

Sweetspot

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



27.3800, 44.1827, 15.4527



117.6260, 17.4394, 6.4670



57.0750, 29.5430, -49.1778



55.1820, 10.7563, 3.3484



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.



27.3800, 44.1827, 15.4527



34.7840, 58.2805, 20.3604



44.4230, 35.7805, 50.4950



54.2820, 2.3260, 0.6297



27.6620, 46.5086, 16.0824



56.9050, 95.1958, 33.4093

Inverse Universe

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



43.8920, 14.3502, 64.1157



56.5770, 18.9425, 84.5630



73.5770, -35.7805, -50.4950



55.1360, 0.4260, 3.3887



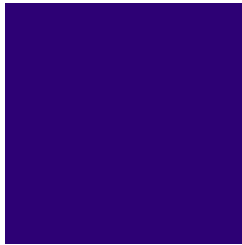
45.1420, 15.2130, 67.4045



92.4200, 30.8519, 138.1977

Previews

White Background



This preview shows how the YUV color 27.3800, 44.1827, 15.4527 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

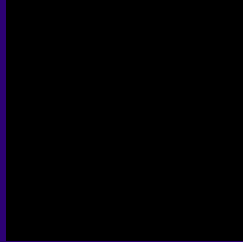
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3800, 44.1827, 15.4527

Background



This preview shows how black text looks on a background with the YUV color 27.3800, 44.1827, 15.4527.



This preview shows how white text looks on a background with the YUV color 27.3800, 44.1827,

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

27.3800, 44.1827, 15.4527

Protanopia

32.9420, 24.6786, -28.8901

Deuteranopia

32.7480, 18.8582, -28.7200



Tritanopia

32.0010, 8.3805, -28.0649

Trichromacy



Original Color

27.3800, 44.1827, 15.4527

Protanomaly

30.8760, 31.6131, -13.0463

Deuteranomaly

30.6650, 28.2662, -12.8612

Tritanomaly

30.2430, 21.5722, -12.4911

Monochromacy



Original Color

27.3800, 44.1827, 15.4527

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.5720, 15.9870, 5.6374

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3800, 44.1827, 15.4527 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(45, 1, 117)` looks like.

```
.text, #text, p{  
    color:rgb(45, 1, 117)  
}
```

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(45, 1, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 1, 117) }
```

Border

The CSS property to change the border of an element to YUV 27.3800, 44.1827, 15.4527 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(45, 1, 117) }
```


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

```
.border{ border-color:rgb(45, 1, 117) }
```

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

Here you see how a box with a 4 pixel rgb(45, 1, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 1, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 1, 117);  
box-shadow:4px 4px 4px 4px rgb(45, 1, 117)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.3800, 44.1827, 15.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 1, 117) }
```

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

```
.background{ background-color: rgb(45, 1,  
117) }
```

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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