

Converting Colors

YUV(27.4640, 53.5082, 10.9941)

Have a look what the booklet for
YUV(27.4640, 53.5082, 10.9941)
contains.

YUV(27.4640, 53.5082, 10.9941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(27.4640, 53.5082,
10.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	280088
RGB	40, 0, 136
RGB Percent	16%, 0%, 53%
CMY	0.8431, 1.0000, 0.4667
CMYK	0.71, 1.00, 0.00, 0.47
HSL	258°, 100%, 27%
HSV	258°, 100%, 53%
XYZ	5.3190, 2.2287, 23.4424
YIQ	27.4640, -19.8160, 50.7760

Conversions

Conversions Part 2

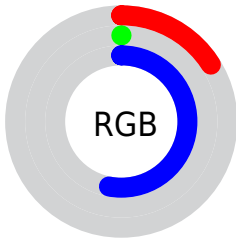
Format	Color
RYB	40, 0, 136
Decimal	2621576
CIELab	16.64, 50.54, -63.59
CIELCh	17, 81.226, 308.479
Yxy	2.2287, 0.1716, 0.0719
Android (android.graphics.Color)	4280811656 (0xFF280088)
YUV	27.4640, 53.5082, 10.9941
Hunter-Lab	14.9288, 37.4727, -82.6517

Details

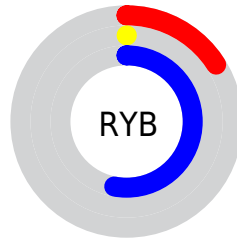
The YUV color **27.4640, 53.5082, 10.9941** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **108.5360, -53.5082, -10.9941**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5570, 52.4764, 15.2975**, and **9.6900, 37.1278, -8.4981** is the 20% darker color. If you saturate the color by 10%, you get **27.4640, 53.5082, 10.9941**, and if you desaturate by 10%, it is **38.6720, 47.9827, 9.9347**.

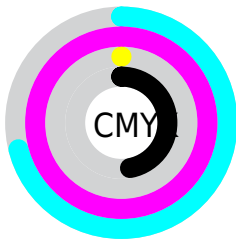
Distribution



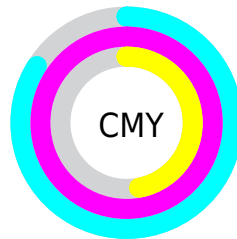
- Red (16%)
- Green (0%)
- Blue (53%)



- Red (16%)
- Yellow (0%)
- Blue (53%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.4640, 53.5082, 10.9941 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 27.4640, 53.5082, 10.9941 by changing the saturation by 10% instead.

■ 27.4640, 53.5082,
10.9941

■ 27.4640, 53.5082,
10.9941

■ 248.5430, 3.1833,
5.6628

■ 12.5400, 48.0478,
-10.9976

■ 84.5570, 52.4764,
15.2975

■ 9.6900, 37.1278,
-8.4981

■ 111.6820, 52.9078,
16.9419

■ 10.3620, 24.4715,
-9.0875

■ 138.3340, 54.0653,
19.0011

■ 5.5060, 16.0195,
-4.8288

■ 163.0650, 45.3240,
22.7450


■ 2.1830, 5.8258,
-1.9145


■ 187.5850, 33.2356,
26.6740


■ 0.0000, 0.0000,
0.0000

■ 212.9910, 20.7104,


30.7029


 231.5200, 11.5756,
20.5920


 27.4640, 53.5082,
10.9941

 38.6720, 47.9827,
9.9347

 48.9940, 42.8940,
8.7753

 60.2020, 37.3684,
7.7158

 70.5240, 32.2797,
6.5565

 81.7320, 26.7541,
5.4970

■ 92.9400, 21.2286,
4.4376

■ 103.2620, 16.1398,
3.2782

■ 114.4700, 10.6143,
2.2188

■ 124.7920, 5.5255,
1.0594

Harmonies

Analogous

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



46.7580, 57.3073, -41.0068



27.4640, 53.5082, 10.9941



44.0750, 20.1760, 62.2012

Triad

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



27.4640, 53.5082, 10.9941



34.5080, -17.0124, 43.4045



41.1310, 7.8234, -36.0719

Complementary

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



27.4640, 53.5082, 10.9941



108.5360, -53.5082, -10.9941

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.



34.0460, -16.7847, -29.8583



27.4640, 53.5082, 10.9941



37.4780, -18.4767, -0.4192

Square

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



27.4640, 53.5082, 10.9941



34.6840, -17.0992, 71.3141



31.6980, -15.6271, -27.7991



48.9170, 32.5789, -42.9002

Rectangle

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



27.4640, 53.5082, 10.9941



44.2280, 1.3666, 75.2220



31.6980, -15.6271, -27.7991



38.2640, -0.6232, -33.5575

Sweetspot

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



27.4640, 53.5082, 10.9941



133.8260, 20.7918, 4.5376



72.4430, 31.3336, -63.5325



63.6380, 12.5035, 2.9485



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



27.4640, 53.5082, 10.9941



35.6120, 69.2113, 14.3723



47.4970, 43.6320, 52.1841



63.3960, 2.7628, 0.5297



26.8230, 52.3453, 10.6792



0.8690, 2.0366, 0.1149

Inverse Universe

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



51.6080, 21.8853, 74.0118



66.7600, 28.2193, 95.8035



88.5030, -43.6320, -52.1841



64.6630, 1.1521, 3.8035



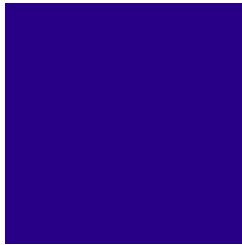
50.4830, 21.4539, 72.3674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 27.4640, 53.5082, 10.9941 looks on a white background.

Color Contrast Check

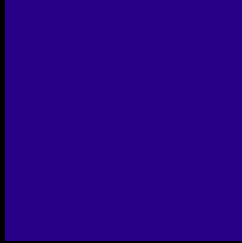
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4640, 53.5082, 10.9941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

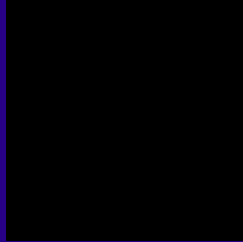
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.4640, 53.5082, 10.9941

Background



This preview shows how black text looks on a background with the YUV color 27.4640, 53.5082, 10.9941.



This preview shows how white text looks on a background with the YUV color 27.4640, 53.5082,

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



Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

35.7800, 20.3215, -31.3791

Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Protanomaly

32.5320, 36.7127, -15.3756

Deuteranomaly

32.6800, 32.2028, -15.5054

Tritanomaly

32.7310, 24.7826, -15.5501

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.1850, 19.6288, 4.2228

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.4640, 53.5082, 10.9941 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(40, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(40, 0, 136)  
}
```

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(40, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 0, 136) }
```

Border

The CSS property to change the border of an element to YUV 27.4640, 53.5082, 10.9941 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(40, 0, 136) }
```

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

```
.border{ border-color:rgb(40, 0, 136) }
```

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

Here you see how a box with a 4 pixel rgb(40, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(40, 0, 136)  
}
```


Background

The CSS property to change the background color of an element to YUV 27.4640, 53.5082, 10.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 0, 136) }
```

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

```
.background{ background-color: rgb(40, 0,  
136) }
```

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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