

Converting Colors

YUV(27.5080, 43.1336,
-21.4935)

Have a look what the booklet for
YUV(27.5080, 43.1336, -21.4935)
contains.

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Color

**YUV(27.5080, 43.1336,
-21.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	031773
RGB	3, 23, 115
RGB Percent	1%, 9%, 45%
CMY	0.9882, 0.9098, 0.5490
CMYK	0.97, 0.80, 0.00, 0.55
HSL	229°, 95%, 23%
HSV	229°, 97%, 45%
XYZ	3.4385, 1.8700, 16.3994
YIQ	27.5080, -41.4520, 24.3720

Conversions

Conversions Part 2

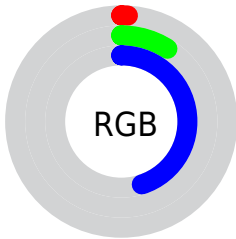
Format	Color
RYB	3, 20, 115
Decimal	202611
CIELab	14.79, 32.65, -53.33
CIELCh	15, 62.528, 301.480
Yxy	1.8700, 0.1584, 0.0861
Android (android.graphics.Color)	4278392691 (0xFF031773)
YUV	27.5080, 43.1336, -21.4935
Hunter-Lab	13.6746, 20.9529, -61.5316

Details

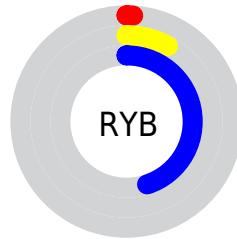
The YUV color **27.5080, 43.1336, -21.4935** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **90.4920, -43.1336, 21.4935**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5040, 42.6425, -3.9500**, and **7.5240, 28.8287, -6.5985** is the 20% darker color. If you saturate the color by 10%, you get **25.4370, 44.1546, -22.3082**, and if you desaturate by 10%, it is **36.3790, 38.7602, -18.7494**.

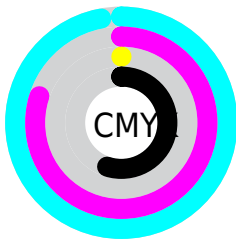
Distribution



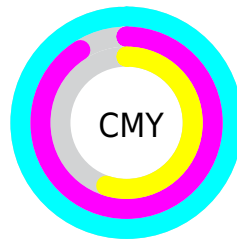
- Red (1%)
- Green (9%)
- Blue (45%)



- Red (1%)
- Yellow (8%)
- Blue (45%)



- Cyan (97%)
- Magenta (80%)
- Yellow (0%)
- Black (55%)



- Cyan (99%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.5080, 43.1336, -21.4935 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 27.5080, 43.1336, -21.4935 by changing the saturation by 10% instead.

■ 27.5080, 43.1336,
-21.4935

■ 27.5080, 43.1336,
-21.4935

■ 253.2390, 0.8682,
1.5444

■ 11.4340, 38.7330,
-10.0276

■ 81.5040, 42.6425,
-3.9500

■ 7.5240, 28.8287,
-6.5985

■ 107.1560, 43.8001,
-1.8908

■ 6.5490, 17.4773,
-5.7435

■ 132.8080, 44.9577,
0.1684

■ 2.9810, 8.8834,
-2.6143

■ 159.7480, 45.9732,
1.0980

■ 0.0000, 0.0000,
0.0000

■ 184.4960, 34.7585,
4.8270

■ 209.0160, 22.6701,

8.7560

■ 234.4220, 10.1450,
12.7849

■ 27.5080, 43.1336,
-21.4935

■ 27.5080, 43.1336,
-21.4935

■ 25.4370, 44.1546,
-22.3082

■ 36.3790, 38.7602,
-18.7494

■ 45.5380, 34.2448,
-17.1348

■ 54.4090, 29.8714,
-14.3907

■ 63.5680, 25.3560,
-12.7761

■ 72.4390, 20.9826,
-10.0320

■ 81.5980, 16.4672,
-8.4174

■ 90.4690, 12.0938,
-5.6733

■ 99.6280, 7.5784,
-4.0588

■ 108.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



41.1210, 43.3243, -36.0631



27.5080, 43.1336, -21.4935



35.1330, 22.1194, 45.4874

Triad

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



27.5080, 43.1336, -21.4935



29.7790, -14.6810, 42.2898



35.4430, 1.2606, -31.0835

Complementary

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



27.5080, 43.1336, -21.4935



90.4920, -43.1336, 21.4935

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.



29.9370, -14.7589, -26.2547



27.5080, 43.1336, -21.4935



35.1740, -17.3408, 8.6174

Square

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



27.5080, 43.1336, -21.4935



30.1990, -14.8881, 62.0925



27.0020, -13.3120, -23.6808



40.5730, 20.9165, -35.5825

Rectangle

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



27.5080, 43.1336, -21.4935



36.7250, 7.5306, 58.1232



27.0020, -13.3120, -23.6808



33.7330, -5.2914, -29.5838

Sweetspot

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



27.5080, 43.1336, -21.4935



116.5980, 16.4672, -8.4174



79.1180, 7.3368, -66.7555



56.0130, 10.3466, -5.2734



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.



27.5080, 43.1336, -21.4935



32.9490, 57.7061, -28.8963



26.2330, 43.7621, 10.3197



54.2710, 2.3314, -1.1147



26.8220, 46.9228, -23.5229



54.9150, 96.1769, -48.1605

Inverse Universe

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



38.7680, -7.7736, 66.8555



47.9280, -10.3175, 89.5171



91.7670, -43.7621, -10.3197



54.9080, -0.4476, 3.5887



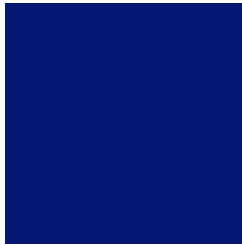
38.9860, -8.3741, 72.8033



79.8800, -17.1958, 149.1952

Previews

White Background



This preview shows how the YUV color 27.5080, 43.1336, -21.4935 looks on a white background.

Color Contrast Check

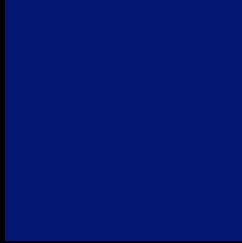
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5080, 43.1336, -21.4935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

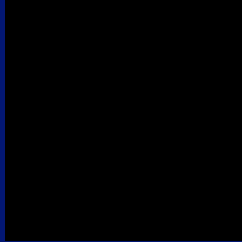
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.5080, 43.1336, -21.4935

Background



This preview shows how black text looks on a background with the YUV color 27.5080, 43.1336, -21.4935.



This preview shows how white text looks on a background with the YUV color 27.5080, 43.1336, -21.4935.

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

27.5080, 43.1336, -21.4935

Protanopia

31.3120, 23.5102, -27.4606

Deuteranopia

31.1180, 17.6898, -27.2905



Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Original Color

27.5080, 43.1336, -21.4935

Protanomaly

30.1580, 30.4881, -25.5716

Deuteranomaly

29.8330, 26.7043, -25.2865

Tritanomaly

29.4110, 20.0104, -24.9164

Monochromacy



Original Color

27.5080, 43.1336, -21.4935

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7830, 15.8830, -7.7027

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.5080, 43.1336, -21.4935 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(3, 23, 115)` looks like.

```
.text, #text, p{  
    color:rgb(3, 23, 115)  
}
```

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(3, 23, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 23, 115) }
```

Border

The CSS property to change the border of an element to YUV 27.5080, 43.1336, -21.4935 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(3, 23, 115) }
```


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

```
.border{ border-color:rgb(3, 23, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 23, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 23, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 23, 115);  
box-shadow:4px 4px 4px 4px rgb(3, 23, 115)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.5080, 43.1336, -21.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 23, 115) }
```

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

```
.background{ background-color: rgb(3, 23,  
115) }
```

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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