

Converting Colors

YUV(27.1160, 21.1418, 32.3473)

Have a look what the booklet for
YUV(27.1160, 21.1418, 32.3473)
contains.

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Color

**YUV(27.1160, 21.1418,
32.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	400046
RGB	64, 0, 70
RGB Percent	25%, 0%, 27%
CMY	0.7490, 1.0000, 0.7255
CMYK	0.09, 1.00, 0.00, 0.73
HSL	295°, 100%, 14%
HSV	295°, 100%, 27%
XYZ	3.2198, 1.5322, 5.9204
YIQ	27.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

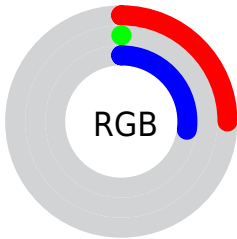
Format	Color
RYB	64, 0, 70
Decimal	4194374
CIELab	12.81, 37.60, -26.09
CIElCh	13, 45.766, 325.237
Yxy	1.5322, 0.3017, 0.1436
Android (android.graphics.Color)	4282384454 (0xFF400046)
YUV	27.1160, 21.1418, 32.3473
Hunter-Lab	12.3781, 24.7702, -19.6933

Details

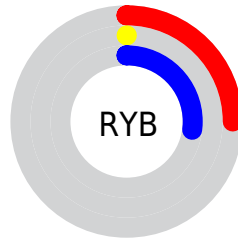
The YUV color **27.1160, 21.1418, 32.3473** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **42.8840, -21.1418, -32.3473**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.4750, 19.9788, 32.0324**, and **3.2630, 11.2093, -1.9847** is the 20% darker color. If you saturate the color by 10%, you get **27.1160, 21.1418, 32.3473**, and if you desaturate by 10%, it is **31.5240, 18.9687, 29.3585**.

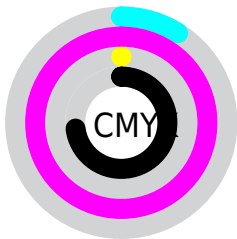
Distribution



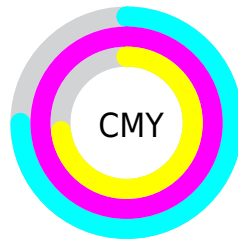
- Red (25%)
- Green (0%)
- Blue (27%)



- Red (25%)
- Yellow (0%)
- Blue (27%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.1160, 21.1418, 32.3473 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 27.1160, 21.1418, 32.3473 by changing the saturation by 10% instead.

■ 27.1160, 21.1418,
32.3473

■ 27.1160, 21.1418,
32.3473

■ 245.6080, 4.6303,
8.2368

■ 17.9160, 14.3384,
21.1217

■ 78.4750, 19.9788,
32.0324

■ 3.2630, 11.2093,
-1.9847

■ 103.8880, 20.2682,
32.5472

■ 0.0000, 0.0000,
0.0000


■ 129.6000, 20.4102,
33.6768


■ 156.4260, 20.9890,
34.7064


■ 184.1380, 21.1310,
35.8360


■ 211.8500, 21.2730,


36.9656


 228.5850, 13.0226,
23.1660


 27.1160, 21.1418,
32.3473

 31.5240, 18.9687,
29.3585

 35.6330, 16.9429,
25.7549

 40.0410, 14.7698,
22.7660

 44.1500, 12.7440,
19.1624

 48.5580, 10.5709,
16.1736

■ 52.9660, 8.3978,
13.1848

■ 57.0750, 6.3720,
9.5812

■ 61.4830, 4.1989,
6.5924

■ 65.5920, 2.1731,
2.9888

Harmonies

Analogous

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



26.3370, 32.3719, -23.0975



27.1160, 21.1418, 32.3473



29.3770, 5.2371, 47.0274

Triad

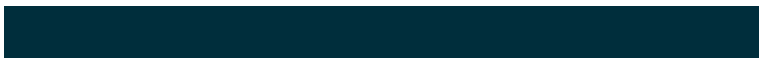
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.1160, 21.1418, 32.3473



31.6630, -15.6099, 13.4505



33.8420, 12.8959, -29.6794

Complementary

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



27.1160, 21.1418, 32.3473



42.8840, -21.1418, -32.3473

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.



30.0800, -1.5184, -26.3802



27.1160, 21.1418, 32.3473



27.3780, -13.4974, -10.8555

Square

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



27.1160, 21.1418, 32.3473



27.6750, -13.6438, 36.2420



25.2410, -12.4438, -22.1364



35.6320, 24.8314, -31.2493

Rectangle

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



27.1160, 21.1418, 32.3473



27.5810, -4.2304, 50.3565



25.2410, -12.4438, -22.1364



32.5880, 8.0911, -28.5797

Sweetspot

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



27.1160, 21.1418, 32.3473



74.6670, 8.5452, 12.5700



12.0890, 28.5501, -10.6021



35.4230, 5.2145, 7.5220



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



27.1160, 21.1418, 32.3473



35.6040, 27.8032, 42.4433



25.7180, 8.0270, 38.8353



33.3530, 1.3050, 1.4444



38.4950, 29.8290, 46.0469



87.7710, 68.6399, 104.5638

Inverse Universe

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



21.6140, -7.6977, 42.4345



28.4200, -10.0671, 55.7597



44.2820, -8.0270, -38.8353



33.1960, -0.5896, 2.4591



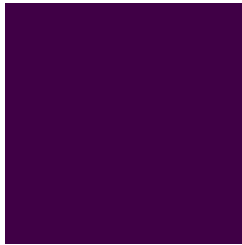
30.6270, -10.6621, 59.9631



70.0390, -25.1622, 137.6548

Previews

White Background



This preview shows how the YUV color 27.1160, 21.1418, 32.3473 looks on a white background.

Color Contrast Check

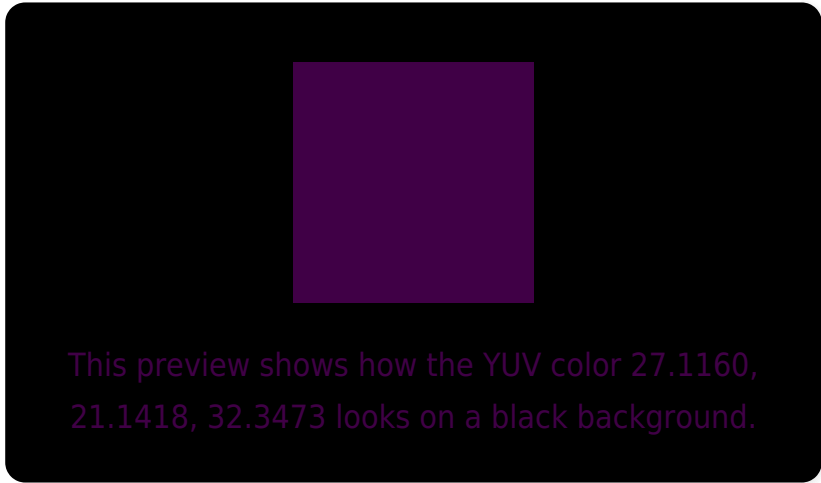
Large Text (above 18pt) WCAG AA ✓ Pass

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

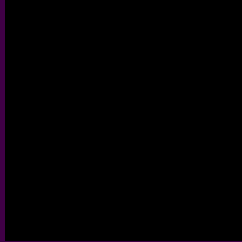
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.1160, 21.1418, 32.3473

Background



This preview shows how black text looks on a background with the YUV color 27.1160, 21.1418, 32.3473.



This preview shows how white text looks on a background with the YUV color 27.1160, 21.1418,

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

29.9100, 23.2154, -26.2311

Deuteranopia

34.0160, 15.7681, -17.5540

Tritanopia

36.7960, -3.8434, 19.4729

Trichromacy



Protanomaly

28.8140, 22.2767, -5.0989

Deuteranomaly

31.2940, 17.6031, 0.6192

Tritanomaly

33.2340, 5.3076, 24.3508

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8410, 7.9664, 11.5404

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.1160, 21.1418, 32.3473 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(64, 0, 70)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 70)  
}
```

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(64, 0, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 70) }
```

Border

The CSS property to change the border of an element to YUV 27.1160, 21.1418, 32.3473 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(64, 0, 70) }
```

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

```
.border{ border-color:rgb(64, 0, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 0, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 0, 70); box-shadow:4px  
4px 4px 4px rgb(64, 0, 70) }
```


Background

The CSS property to change the background color of an element to YUV 27.1160, 21.1418, 32.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 70) }
```

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

```
.background{ background-color: rgb(64, 0,  
70) }
```

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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