

Converting Colors

YUV(32.0610, 41.3819, 27.1335)

Have a look what the booklet for
YUV(32.0610, 41.3819, 27.1335)
contains.

YUV(32.0610, 41.3819, 27.1335)	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(32.0610, 41.3819,
27.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0074
RGB	63, 0, 116
RGB Percent	25%, 0%, 45%
CMY	0.7529, 1.0000, 0.5451
CMYK	0.46, 1.00, 0.00, 0.55
HSL	273°, 100%, 23%
HSV	273°, 100%, 45%
XYZ	5.2023, 2.3177, 16.6962
YIQ	32.0610, 0.3120, 49.4320

Conversions

Conversions Part 2

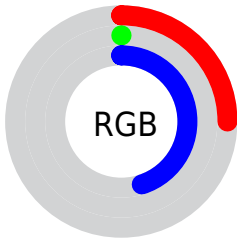
Format	Color
RYB	63, 0, 116
Decimal	4128884
CIELab	17.07, 47.28, -50.03
CIELCh	17, 68.835, 313.385
Yxy	2.3177, 0.2148, 0.0957
Android (android.graphics.Color)	4282318964 (0xFF3F0074)
YUV	32.0610, 41.3819, 27.1335
Hunter-Lab	15.2240, 34.3540, -54.3663

Details

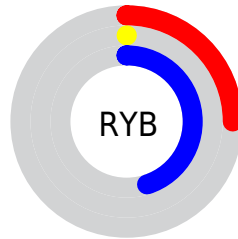
The YUV color **32.0610, 41.3819, 27.1335** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.9390, -41.3819, -27.1335**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.7080, 40.0770, 25.6891**, and **9.1330, 28.5284, -3.6246** is the 20% darker color. If you saturate the color by 10%, you get **32.0610, 41.3819, 27.1335**, and if you desaturate by 10%, it is **40.6000, 37.1722, 24.0298**.

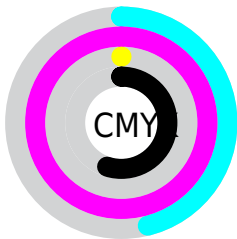
Distribution



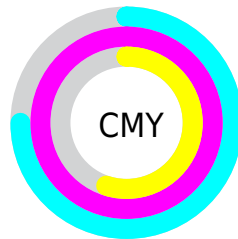
- Red (25%)
- Green (0%)
- Blue (45%)



- Red (25%)
- Yellow (0%)
- Blue (45%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (75%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.0610, 41.3819, 27.1335 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 32.0610, 41.3819, 27.1335 by changing the saturation by 10% instead.

■ 32.0610, 41.3819,
27.1335

■ 32.0610, 41.3819,
27.1335

■ 249.7170, 2.6045,
4.6332

■ 20.8390, 34.5894,
12.4192

■ 87.7080, 40.0770,
25.6891

■ 9.1330, 28.5284,
-3.6246

■ 113.9470, 40.9451,
27.2335

■ 6.6630, 17.9141,
-5.8435

■ 140.7730, 41.5239,
28.2631

■ 2.9810, 8.8834,
-2.6143

■ 167.7130, 42.5395,
29.1927

■ 0.0000, 0.0000,
0.0000

■ 192.6460, 30.7405,
33.6365

■ 216.2580, 19.0998,

33.9767

■ 232.6940, 10.9969,
19.5624

■ 32.0610, 41.3819,
27.1335

■ 40.6000, 37.1722,
24.0298

■ 48.8510, 33.1045,
22.0557

■ 57.3900, 28.8947,
18.9520

■ 65.3420, 24.9744,
16.3631

■ 74.1800, 20.6173,
13.8741

■ 82.7190, 16.4075,
10.7704

■ 90.6710, 12.4872,
8.1815

■ 99.2100, 8.2775,
5.0778

■ 107.4610, 4.2097,
3.1037

Harmonies

Analogous

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



42.0160, 49.2921, -36.8480



32.0610, 41.3819, 27.1335



41.0980, 15.2347, 60.4271

Triad

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



32.0610, 41.3819, 27.1335



39.4480, -19.4479, 31.1791



41.9290, 10.8810, -36.7717

Complementary

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



32.0610, 41.3819, 27.1335



83.9390, -41.3819, -27.1335

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.



35.0720, -12.8535, -30.7581



32.0610, 41.3819, 27.1335



37.1570, -18.3184, -4.5227

Square

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



32.0610, 41.3819, 27.1335



31.3950, -15.4777, 64.5516



31.6980, -15.6271, -27.7991



47.2870, 31.4105, -41.4707

Rectangle

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



32.0610, 41.3819, 27.1335



40.3260, -0.6537, 69.8741



31.6980, -15.6271, -27.7991



39.9910, 3.4554, -35.0721

Sweetspot

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



32.0610, 41.3819, 27.1335



117.6050, 15.9707, 10.8704



44.9220, 35.0415, -39.3966



56.6770, 10.0192, 6.4223



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.



32.0610, 41.3819, 27.1335



41.6180, 53.4323, 35.4150



47.4520, 31.8222, 60.1166



54.5810, 2.1786, 1.2445



33.6420, 43.5605, 28.3780



69.1640, 89.1521, 58.6152

Inverse Universe

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



40.7260, 6.0511, 66.0153



52.7160, 8.0280, 85.3181



68.5480, -31.8222, -60.1166



55.0220, -0.0108, 3.4887



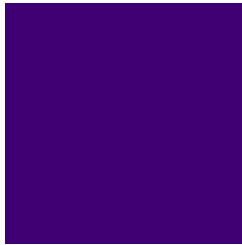
42.8620, 6.4770, 69.4040



87.7460, 12.9432, 142.2968

Previews

White Background



This preview shows how the YUV color 32.0610, 41.3819, 27.1335 looks on a white background.

Color Contrast Check

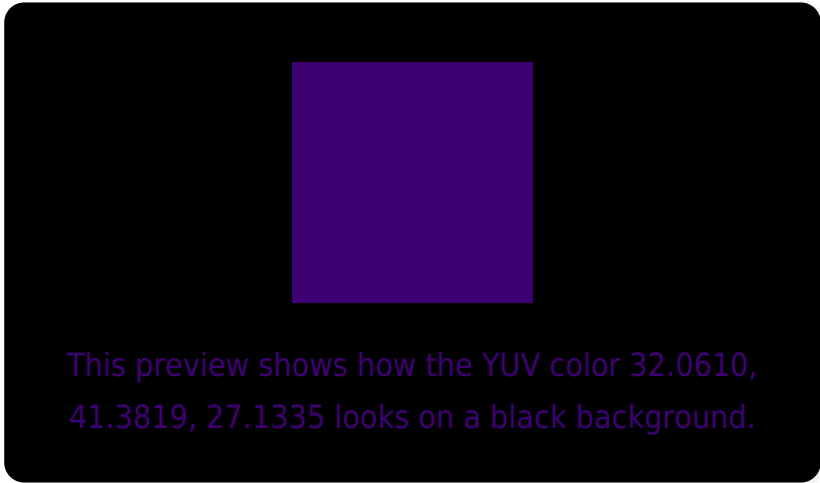
Large Text (above 18pt) WCAG AA ✓ Pass

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

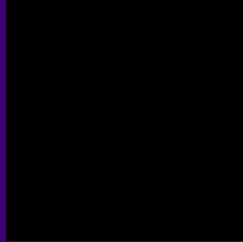
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.0610, 41.3819, 27.1335

Background



This preview shows how black text looks on a background with the YUV color 32.0610, 41.3819, 27.1335.



This preview shows how white text looks on a background with the YUV color 32.0610, 41.3819,

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

36.4300, 27.8890, -31.9491

Deuteranopia

36.7090, 21.3425, -32.1938

Tritanopia

46.0540, 1.4524, 0.8296

Trichromacy



Protanomaly

34.8270, 32.6233, -10.3723

Deuteranomaly

35.0890, 28.5501, -10.6021

Tritanomaly

41.1920, 15.6813, 10.3556

Monochromacy



Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7790, 15.3920, 9.8408

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.0610, 41.3819, 27.1335 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(63, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 116)  
}
```

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(63, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 116) }
```

Border

The CSS property to change the border of an element to YUV 32.0610, 41.3819, 27.1335 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(63, 0, 116) }
```

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

```
.border{ border-color:rgb(63, 0, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 0, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(63, 0, 116)  
}
```


Background

The CSS property to change the background color of an element to YUV 32.0610, 41.3819, 27.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 116) }
```

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

```
.background{ background-color: rgb(63, 0,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor