

Converting Colors

YUV(27.3010, 20.5576, 33.0620)

Have a look what the booklet for
YUV(27.3010, 20.5576, 33.0620)
contains.

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Color

**YUV(27.3010, 20.5576,
33.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	410045
RGB	65, 0, 69
RGB Percent	25%, 0%, 27%
CMY	0.7451, 1.0000, 0.7294
CMYK	0.06, 1.00, 0.00, 0.73
HSL	297°, 100%, 14%
HSV	297°, 100%, 27%
XYZ	3.2542, 1.5535, 5.7586
YIQ	27.3010, 16.5910, 35.2390

Conversions

Conversions Part 2

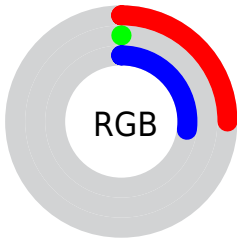
Format	Color
R _Y B	65, 0, 69
Decimal	4259909
CIE Lab	12.94, 37.60, -25.17
CIE LCh	13, 45.244, 326.200
Yxy	1.5535, 0.3080, 0.1470
Android (android.graphics.Color)	4282449989 (0xFF410045)
YUV	27.3010, 20.5576, 33.0620
Hunter-Lab	12.4639, 24.7920, -18.6684

Details

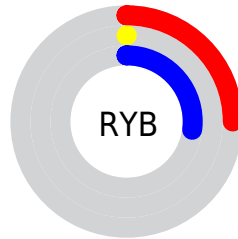
The YUV color **27.3010, 20.5576, 33.0620** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.6990, -20.5576, -33.0620**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.2470, 19.1052, 32.2324**, and **4.0460, 10.3303, -0.0403** is the 20% darker color. If you saturate the color by 10%, you get **27.3010, 20.5576, 33.0620**, and if you desaturate by 10%, it is **31.4100, 18.5319, 29.4584**.

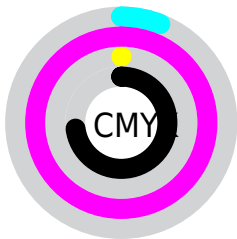
Distribution



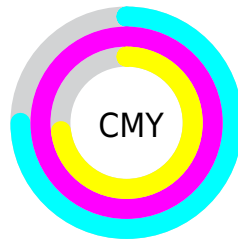
- Red (25%)
- Green (0%)
- Blue (27%)



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



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3010, 20.5576, 33.0620 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 27.3010, 20.5576, 33.0620 by changing the saturation by 10% instead.

27.3010, 20.5576,
33.0620

27.3010, 20.5576,
33.0620

245.6080, 4.6303,
8.2368

18.2150, 14.1910,
21.7364

79.2470, 19.1052,
32.2324

4.0460, 10.3303,
-0.0403

104.0730, 19.6840,
33.2620

0.0000, 0.0000,
0.0000


130.3720, 19.5366,
33.8768


156.6110, 20.4048,
35.4212


184.3230, 20.5468,
36.5507


212.0350, 20.6887,


37.6803


 228.5850, 13.0226,
23.1660


 27.3010, 20.5576,
33.0620

 31.4100, 18.5319,
29.4584

 35.8180, 16.3587,
26.4696

 39.9270, 14.3330,
22.8660

 44.3350, 12.1598,
19.8772

 48.4440, 10.1341,
16.2736

■ 51.9660, 8.3978,
13.1848

■ 56.3740, 6.2246,
10.1960

■ 60.4830, 4.1989,
6.5924

■ 64.8910, 2.0257,
3.6036

Harmonies

Analogous

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



26.8210, 31.6402, -21.7680



27.3010, 20.5576, 33.0620



29.2630, 4.8003, 47.1273

Triad

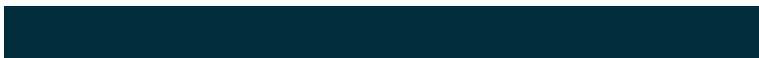
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.3010, 20.5576, 33.0620



31.9510, -15.7518, 12.3210



33.9560, 13.3327, -29.7794

Complementary

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



27.3010, 20.5576, 33.0620



41.6990, -20.5576, -33.0620

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.



30.1940, -1.0816, -26.4801



27.3010, 20.5576, 33.0620



27.0790, -13.3499, -11.4703

Square

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



27.3010, 20.5576, 33.0620



28.8490, -14.2226, 35.2124



25.8280, -12.7332, -22.6512



35.6320, 24.8314, -31.2493

Rectangle

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



27.3010, 20.5576, 33.0620



27.4670, -4.6672, 50.4564



25.8280, -12.7332, -22.6512



32.7020, 8.5279, -28.6797

Sweetspot

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



27.3010, 20.5576, 33.0620



72.8520, 7.9610, 13.2848



10.8010, 28.6921, -9.4725



35.7220, 5.0671, 8.1368



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.



27.3010, 20.5576, 33.0620



35.2620, 26.4928, 42.7432



25.0770, 6.8640, 38.5205



33.3530, 1.3050, 1.4444



39.3920, 29.3867, 47.8912



89.8640, 67.6080, 108.8673

Inverse Universe

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



21.0870, -8.4239, 42.0197



27.1810, -10.9352, 54.2153



43.9230, -6.8640, -38.5205



33.1960, -0.5896, 2.4591



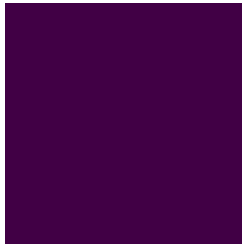
30.2850, -11.9725, 60.2631



69.3550, -27.7830, 138.2547

Previews

White Background



This preview shows how the YUV color 27.3010, 20.5576, 33.0620 looks on a white background.

Color Contrast Check

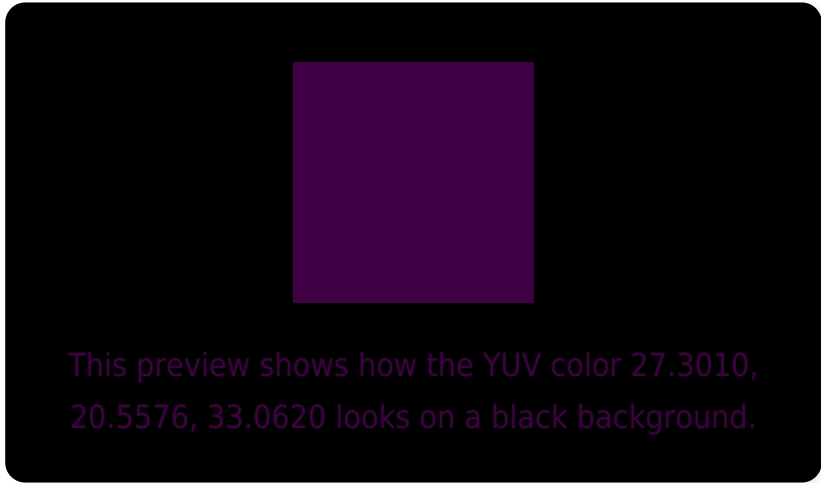
Large Text (above 18pt) WCAG AA ✓ Pass

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

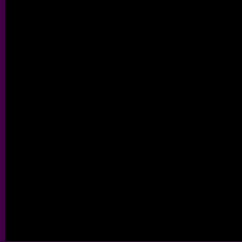
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3010, 20.5576, 33.0620

Background



This preview shows how black text looks on a background with the YUV color 27.3010, 20.5576, 33.0620.



This preview shows how white text looks on a background with the YUV color 27.3010, 20.5576,

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

30.4970, 22.9260, -26.7459

Deuteranopia

34.7990, 14.8891, -15.6097

Tritanopia

37.0950, -3.9908, 20.0877

Trichromacy



Protanomaly

29.7000, 21.8399, -4.9989

Deuteranomaly

31.7780, 16.8714, 1.9487

Tritanomaly

33.5330, 5.1602, 24.9656

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3010, 20.5576, 33.0620 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(65, 0, 69)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 69)  
}
```

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(65, 0, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 69) }
```

Border

The CSS property to change the border of an element to YUV 27.3010, 20.5576, 33.0620 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(65, 0, 69) }
```

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

```
.border{ border-color:rgb(65, 0, 69) }
```

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

Here you see how a box with a 4 pixel rgb(65, 0, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 0, 69); box-shadow:4px  
4px 4px 4px rgb(65, 0, 69) }
```


Background

The CSS property to change the background color of an element to YUV 27.3010, 20.5576, 33.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 69) }
```

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

```
.background{ background-color: rgb(65, 0,  
69) }
```

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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