

Converting Colors

YUV(27.7310, 31.6846, 10.7599)

Have a look what the booklet for
YUV(27.7310, 31.6846, 10.7599)
contains.

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Color

**YUV(27.7310, 31.6846,
10.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	28095C
RGB	40, 9, 92
RGB Percent	16%, 4%, 36%
CMY	0.8431, 0.9647, 0.6392
CMYK	0.57, 0.90, 0.00, 0.64
HSL	262°, 82%, 20%
HSV	262°, 90%, 36%
XYZ	2.9045, 1.4192, 10.2461
YIQ	27.7310, -8.1670, 32.3850

Conversions

Conversions Part 2

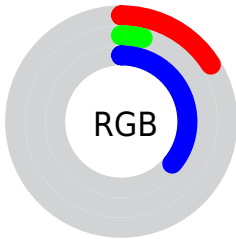
Format	Color
R_{YB}	40, 9, 92
Decimal	2623836
CIE _{Lab}	12.08, 35.26, -42.55
CIE _{LCh}	12, 55.262, 309.653
Yxy	1.4192, 0.1994, 0.0974
Android (android.graphics.Color)	4280813916 (0xFF28095C)
YUV	27.7310, 31.6846, 10.7599
Hunter-Lab	11.9130, 22.6726, -42.6547




Details

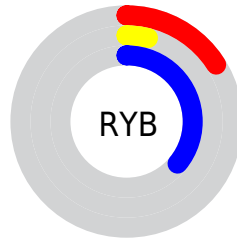
The YUV color **27.7310, 31.6846, 10.7599** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **73.2690, -31.6846, -10.7599**, and the grayscale version is **27.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **76.6820, 32.6948, 13.4339**, and **6.3040, 19.0771, -5.5286** is the 20% darker color. If you saturate the color by 10%, you get **20.6540, 35.1736, 11.7044**, and if you desaturate by 10%, it is **34.8080, 28.1957, 9.8154**.

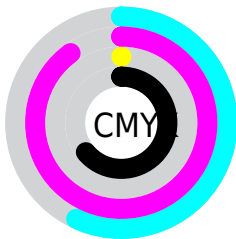
Distribution







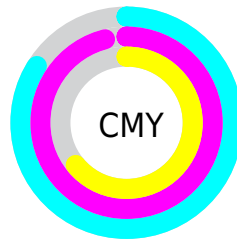
-  Red (16%)
-  Green (4%)
-  Blue (36%)






-  Red (16%)
-  Yellow (4%)
-  Blue (36%)



-  Cyan (57%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (84%)
-  Magenta (96%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.7310, 31.6846, 10.7599 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 27.7310, 31.6846, 10.7599 by changing the saturation by 10% instead.

■ 27.7310, 31.6846,
10.7599

■ 27.7310, 31.6846,
10.7599

■ 246.1950, 4.3409,
7.7220

■ 12.5360, 27.3438,
3.0379

■ 76.6820, 32.6948,
13.4339

■ 6.3040, 19.0771,
-5.5286

■ 101.9210, 33.5629,
14.9783

■ 3.2090, 9.7570,
-2.8143

■ 127.8610, 34.5785,
15.9079


■ 0.0000, 0.0000,
0.0000


■ 153.8010, 35.5941,
16.8375


■ 181.6270, 36.1729,
17.8671


■ 205.8480, 24.2319,


21.1813


 229.7590, 12.4438,
22.1364


 27.7310, 31.6846,
10.7599


 27.7310, 31.6846,
10.7599


 20.6540, 35.1736,
11.7044

 34.8080, 28.1957,
9.8154

 41.8850, 24.7067,
8.8709

 49.2500, 21.0757,
6.7968

 56.3270, 17.5868,
5.8522

 63.4040, 14.0978,
4.9077

■ 70.4810, 10.6089,
3.9632

■ 77.2590, 7.2673,
2.4039

■ 84.9230, 3.4890,
0.9445

■ 92.0000, 0.0000,
0.0000

Harmonies

Analogous

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



33.0850, 37.9191, -29.0155



27.7310, 31.6846, 10.7599



31.2440, 13.6837, 44.5130

Triad

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



27.7310, 31.6846, 10.7599



29.3920, -14.4903, 27.7202



32.0180, 5.9071, -28.0798

Complementary

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



27.7310, 31.6846, 10.7599



73.2690, -31.6846, -10.7599

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.



26.4150, -13.0226, -23.1660



27.7310, 31.6846, 10.7599



28.6290, -14.1141, 0.3254

Square

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



27.7310, 31.6846, 10.7599



24.8170, -12.2348, 51.0265



24.0670, -11.8650, -21.1068



36.2360, 22.0687, -31.7790

Rectangle

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



27.7310, 31.6846, 10.7599



31.0850, 1.4371, 52.5455



24.0670, -11.8650, -21.1068



30.4220, -0.2080, -26.6801

Sweetspot

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



27.7310, 31.6846, 10.7599



94.6490, 12.4980, 4.6928



49.5730, 20.9165, -35.5825



46.2590, 7.2673, 2.4039



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



27.7310, 31.6846, 10.7599



27.1350, 45.7824, 15.6676



39.9900, 25.6409, 35.9658



42.1680, 1.8892, 0.7297



24.7990, 42.0041, 14.2083



53.6290, 90.4019, 31.0204

Inverse Universe

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



39.7450, 10.4787, 45.8276



44.4300, 15.0710, 66.2749



61.0100, -25.6409, -35.9658



42.8370, 0.5734, 2.7740



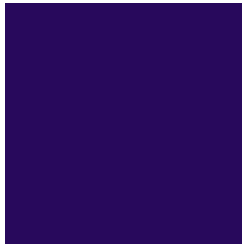
40.7560, 13.9243, 60.7270



87.8490, 30.1474, 130.8054

Previews

White Background



This preview shows how the YUV color 27.7310, 31.6846, 10.7599 looks on a white background.

Color Contrast Check

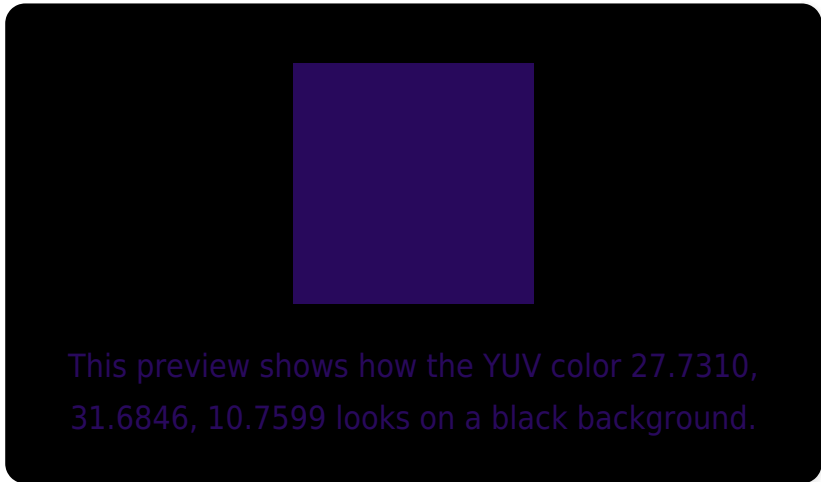
Large Text (above 18pt) WCAG AA ✓ Pass

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

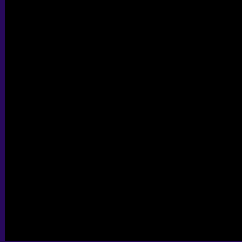
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.7310, 31.6846, 10.7599

Background



This preview shows how black text looks on a background with the YUV color 27.7310, 31.6846, 10.7599.



This preview shows how white text looks on a background with the YUV color 27.7310, 31.6846,

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

27.7310, 31.6846, 10.7599

Protanopia

27.2370, 20.5892, -23.8868

Tritanopia

31.5580, 3.6689, -10.1364

Trichromacy



Original Color

27.7310, 31.6846, 10.7599

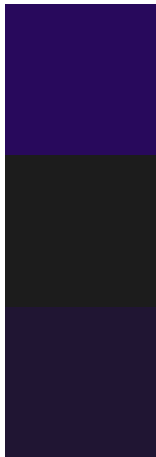
Protanomaly

27.3510, 24.4770, -10.8318

Tritanomaly

29.9470, 13.8301, -2.5845

Monochromacy



Original Color

27.7310, 31.6846, 10.7599

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7090, 11.4825, 3.7632

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.7310, 31.6846, 10.7599 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, 9, 92)` looks like.

```
.text, #text, p{  
    color:rgb(40, 9, 92)  
}
```

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, 9, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 9, 92) }
```

Border

The CSS property to change the border of an element to YUV 27.7310, 31.6846, 10.7599 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, 9, 92) }
```

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

```
.border{ border-color:rgb(40, 9, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 9, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 9, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 9, 92); box-shadow:4px  
4px 4px 4px rgb(40, 9, 92) }
```


Background

The CSS property to change the background color of an element to YUV 27.7310, 31.6846, 10.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 9, 92) }
```

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

```
.background{ background-color: rgb(40, 9,  
92) }
```

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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