

Converting Colors

YUV(27.9790, 38.9574, 11.4194)

Have a look what the booklet for
YUV(27.9790, 38.9574, 11.4194)
contains.

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Color

**YUV(27.9790, 38.9574,
11.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	29066B
RGB	41, 6, 107
RGB Percent	16%, 2%, 42%
CMY	0.8392, 0.9765, 0.5804
CMYK	0.62, 0.94, 0.00, 0.58
HSL	261°, 89%, 22%
HSV	261°, 94%, 42%
XYZ	3.6334, 1.6632, 14.0394
YIQ	27.9790, -11.5610, 38.8310

Conversions

Conversions Part 2

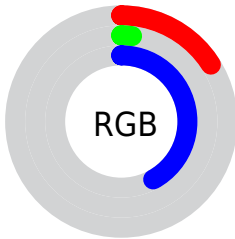
Format	Color
R_{YB}	41, 6, 107
Decimal	2688619
CIE Lab	13.61, 40.80, -49.99
CIE LCh	14, 64.527, 309.224
Yxy	1.6632, 0.1879, 0.0860
Android (android.graphics.Color)	4280878699 (0xFF29066B)
YUV	27.9790, 38.9574, 11.4194
Hunter-Lab	12.8965, 27.7210, -55.5169

Details

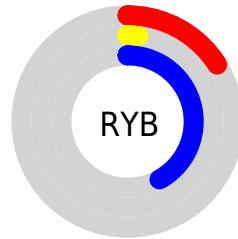
The YUV color **27.9790, 38.9574, 11.4194** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.0210, -38.9574, -11.4194**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8160, 39.5307, 14.1934**, and **6.6120, 25.3343, -5.7987** is the 20% darker color. If you saturate the color by 10%, you get **23.2610, 41.2833, 12.0491**, and if you desaturate by 10%, it is **36.5290, 34.7422, 10.0601**.

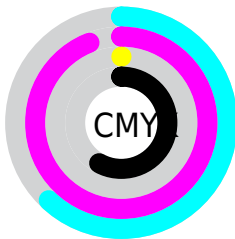
Distribution



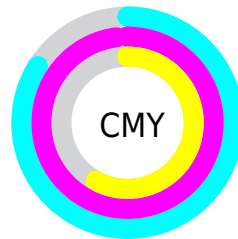
- Red (16%)
- Green (2%)
- Blue (42%)



- Red (16%)
- Yellow (2%)
- Blue (42%)



- Cyan (62%)
- Magenta (94%)
- Yellow (0%)
- Black (58%)



- Cyan (84%)
- Magenta (98%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.9790, 38.9574, 11.4194 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 27.9790, 38.9574, 11.4194 by changing the saturation by 10% instead.

■ 27.9790, 38.9574,
11.4194

■ 27.9790, 38.9574,
11.4194

■ 246.7820, 4.0515,
7.2072

■ 11.7400, 34.6382,
-3.2800

■ 79.8160, 39.5307,
14.1934

■ 6.6120, 25.3343,
-5.7987

■ 105.3540, 40.2515,
16.3525

■ 5.2780, 15.1459,
-4.6288

■ 131.2940, 41.2671,
17.2822

■ 1.2540, 4.8048,
-1.0998


■ 158.2340, 42.2826,
18.2118


■ 0.0000, 0.0000,
0.0000


■ 183.4210, 35.2884,
21.5558


■ 208.5280, 22.9107,


24.9699


 230.3460, 12.1544,
21.6216


 27.9790, 38.9574,
11.4194


 27.9790, 38.9574,
11.4194


 23.2610, 41.2833,
12.0491

 36.5290, 34.7422,
10.0601

 44.4920, 30.8164,
9.2155

 53.0420, 26.6013,
7.8562

 61.5920, 22.3861,
6.4968

 69.5550, 18.4604,
5.6523

■ 78.1050, 14.2452,
4.2929

■ 86.6550, 10.0301,
2.9336

■ 95.2050, 5.8149,
1.5742

■ 103.1680, 1.8892,
0.7297

Harmonies

Analogous

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



37.4850, 44.6239, -32.8743



27.9790, 38.9574, 11.4194



35.5590, 15.9934, 50.3758

Triad

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



27.9790, 38.9574, 11.4194



30.8980, -15.2327, 32.5385



35.4090, 6.2074, -31.0537

Complementary

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



27.9790, 38.9574, 11.4194



85.0210, -38.9574, -11.4194

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.



28.7630, -14.1802, -25.2252



27.9790, 38.9574, 11.4194



31.8740, -15.7139, 0.1105

Square

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



27.9790, 38.9574, 11.4194



28.1060, -13.8563, 57.7890



27.0020, -13.3120, -23.6808



40.4250, 25.4265, -35.4527

Rectangle

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



27.9790, 38.9574, 11.4194



35.4280, 1.2680, 60.1376



27.0020, -13.3120, -23.6808



32.9980, -0.4920, -28.9392

Sweetspot

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



27.9790, 38.9574, 11.4194



109.6320, 14.9714, 4.7077



56.8430, 24.7274, -44.5893



52.4270, 9.1565, 3.1335



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



27.9790, 38.9574, 11.4194



30.6110, 53.9288, 16.1272



42.6300, 31.7344, 41.5435



49.2820, 2.3260, 0.6297



25.5970, 45.0617, 13.5084



53.3450, 94.4859, 27.7614

Inverse Universe

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



43.7230, 13.9406, 55.4939



52.3480, 19.5484, 76.8708



70.3700, -31.7344, -41.5435



50.2500, 0.8628, 3.2887



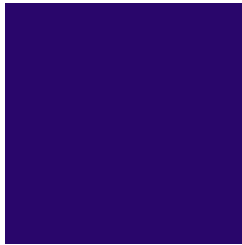
43.7610, 16.3868, 64.2306



91.4950, 33.7730, 134.6239

Previews

White Background



This preview shows how the YUV color 27.9790, 38.9574, 11.4194 looks on a white background.

Color Contrast Check

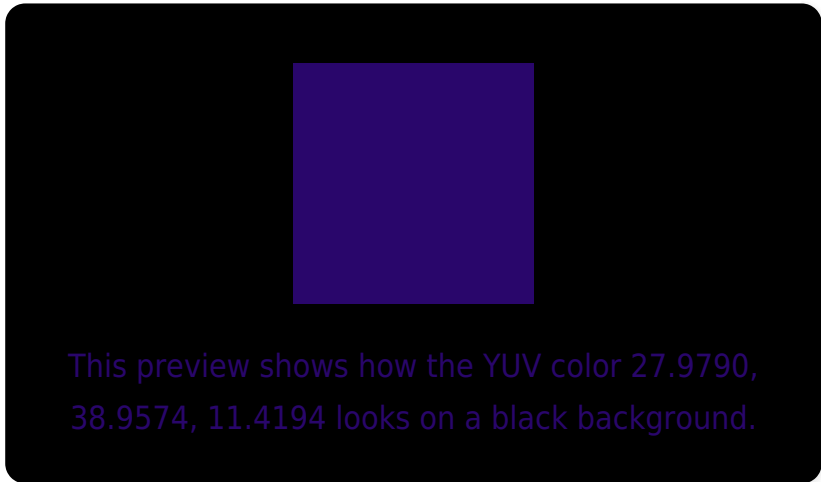
Large Text (above 18pt) WCAG AA ✓ Pass

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

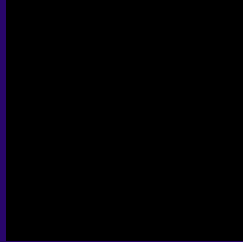
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.9790, 38.9574, 11.4194

Background



This preview shows how black text looks on a background with the YUV color 27.9790, 38.9574, 11.4194.



This preview shows how white text looks on a background with the YUV color 27.9790, 38.9574,

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

27.9790, 38.9574, 11.4194

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

30.3030, 17.1056, -26.5757



Tritanopia

29.7840, 7.5015, -26.1206

Trichromacy



Original Color

27.9790, 38.9574, 11.4194

Protanomaly

29.0780, 28.5555, -12.3464

Deuteranomaly

29.4540, 24.9192, -12.6762

Tritanomaly

29.2600, 19.0988, -12.5060

Monochromacy



Original Color

27.9790, 38.9574, 11.4194

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1050, 14.2452, 4.2929

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.9790, 38.9574, 11.4194 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(41, 6, 107)` looks like.

```
.text, #text, p{  
    color:rgb(41, 6, 107)  
}
```

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(41, 6, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 6, 107) }
```

Border

The CSS property to change the border of an element to YUV 27.9790, 38.9574, 11.4194 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(41, 6, 107) }
```


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

```
.border{ border-color:rgb(41, 6, 107) }
```

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

Here you see how a box with a 4 pixel rgb(41, 6, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 6, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 6, 107);  
box-shadow:4px 4px 4px 4px rgb(41, 6, 107)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.9790, 38.9574, 11.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 6, 107) }
```

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

```
.background{ background-color: rgb(41, 6,  
107) }
```

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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