

Converting Colors

YUV(27.7950, 54.8241, 8.9498)

Have a look what the booklet for
YUV(27.7950, 54.8241, 8.9498)
contains.

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Color

**YUV(27.7950, 54.8241,
8.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	26018B
RGB	38, 1, 139
RGB Percent	15%, 0%, 55%
CMY	0.8510, 0.9961, 0.4549
CMYK	0.73, 0.99, 0.00, 0.45
HSL	256°, 99%, 27%
HSV	256°, 99%, 55%
XYZ	5.4704, 2.2979, 24.5813
YIQ	27.7950, -22.2460, 50.7620

Conversions

Conversions Part 2

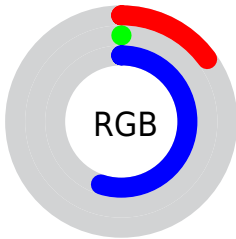
Format	Color
RYB	38, 1, 139
Decimal	2490763
CIELab	16.98, 50.90, -64.92
CIELCh	17, 82.494, 308.096
Yxy	2.2979, 0.1691, 0.0710
Android (android.graphics.Color)	4280680843 (0xFF26018B)
YUV	27.7950, 54.8241, 8.9498
Hunter-Lab	15.1587, 37.8884, -85.5335

Details

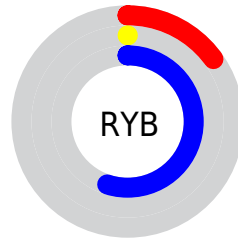
The YUV color **27.7950, 54.8241, 8.9498** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **112.2050, -54.8241, -8.9498**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.1870, 53.6448, 13.8680**, and **9.9180, 38.0014, -8.6981** is the 20% darker color. If you saturate the color by 10%, you get **26.9090, 55.2609, 8.8498**, and if you desaturate by 10%, it is **39.0030, 49.2985, 7.8904**.

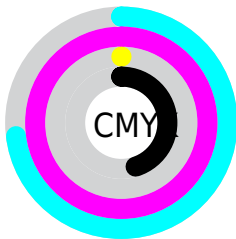
Distribution



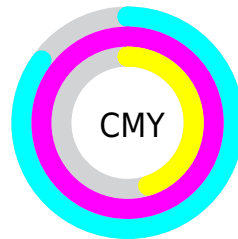
- Red (15%)
- Green (0%)
- Blue (55%)



- Red (15%)
- Yellow (0%)
- Blue (55%)



- Cyan (73%)
- Magenta (99%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.7950, 54.8241, 8.9498 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 27.7950, 54.8241, 8.9498 by changing the saturation by 10% instead.

■ 27.7950, 54.8241,
8.9498

■ 27.7950, 54.8241,
8.9498

■ 249.1300, 2.8939,
5.1480

■ 12.8820, 49.3582,
-11.2975

■ 85.1870, 53.6448,
13.8680

■ 9.9180, 38.0014,
-8.6981

■ 111.7250, 54.3656,
16.0272

■ 10.7040, 25.7819,
-9.3874

■ 138.9640, 55.2337,
17.5716

■ 6.3210, 16.6037,
-5.5435

■ 163.6520, 45.0346,
22.2302


■ 2.6390, 7.5730,
-2.3144


■ 188.1720, 32.9462,
26.1592


■ 0.0000, 0.0000,
0.0000


■ 213.5780, 20.4210,


30.1881


 232.1070, 11.2862,
20.0772


 27.7950, 54.8241,
8.9498


 27.7950, 54.8241,
8.9498


 26.9090, 55.2609,
8.8498

 39.0030, 49.2985,
7.8904

 50.2110, 43.7730,
6.8310

 61.7180, 38.1000,
6.3863

 72.9260, 32.5745,
5.3269

 83.5470, 27.3383,
4.7823

■ 94.7550, 21.8128,
3.7229

■ 105.9630, 16.2872,
2.6634

■ 117.1710, 10.7617,
1.6040

■ 128.6780, 5.0887,
1.1594

Harmonies

Analogous

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



48.2740, 58.0389, -42.3363



27.7950, 54.8241, 8.9498



45.0150, 21.1916, 63.1308

Triad

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



27.7950, 54.8241, 8.9498



35.1060, -17.3073, 44.6340



41.7180, 7.5340, -36.5867

Complementary

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



27.7950, 54.8241, 8.9498



112.2050, -54.8241, -8.9498

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.



34.6330, -17.0741, -30.3731



27.7950, 54.8241, 8.9498



37.7770, -18.6241, 0.1956

Square

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



27.7950, 54.8241, 8.9498



35.5810, -17.5414, 73.1585



32.2850, -15.9165, -28.3139



49.6180, 32.7263, -43.5150

Rectangle

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



27.7950, 54.8241, 8.9498



45.0540, 1.9454, 76.2516



32.2850, -15.9165, -28.3139



38.8510, -0.9125, -34.0723

Sweetspot

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



27.7950, 54.8241, 8.9498



137.3420, 21.5234, 3.2081



76.0190, 31.0496, -65.7917



65.4530, 13.0877, 2.2337



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



27.7950, 54.8241, 8.9498



35.2850, 71.8375, 12.0281



48.4260, 44.6530, 51.3694



63.3960, 2.7628, 0.5297



25.9260, 52.7875, 8.8349



0.8690, 2.0366, 0.1149

Inverse Universe

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



53.7760, 23.7744, 74.7414



69.2810, 31.4135, 97.9776



91.5740, -44.6530, -51.3694



64.6630, 1.1521, 3.8035



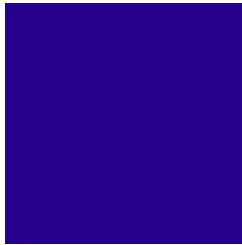
50.8250, 22.7643, 72.0675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 27.7950, 54.8241, 8.9498 looks on a white background.

Color Contrast Check

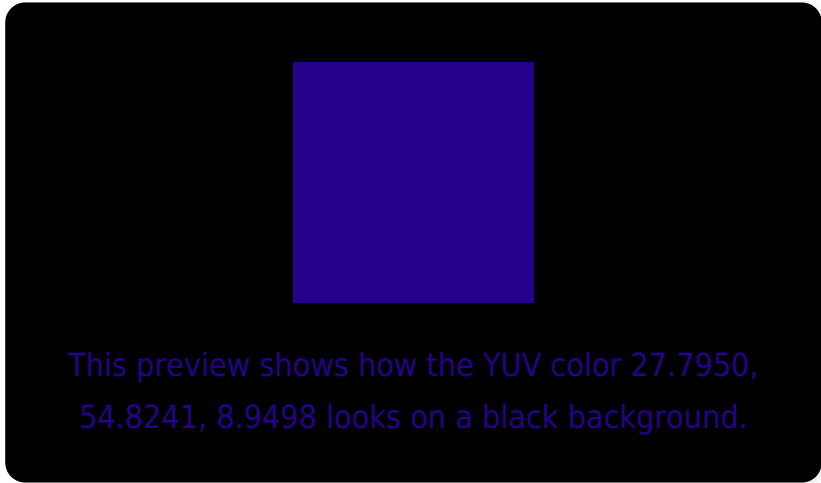
Large Text (above 18pt) WCAG AA ✓ Pass

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

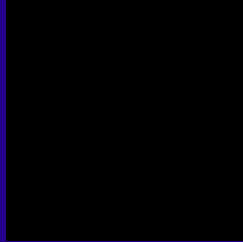
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.7950, 54.8241, 8.9498

Background



This preview shows how black text looks on a background with the YUV color 27.7950, 54.8241, 8.9498.



This preview shows how white text looks on a background with the YUV color 27.7950, 54.8241,

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

27.7950, 54.8241, 8.9498

Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.4810, 20.4689, -31.9938



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

27.7950, 54.8241, 8.9498

Protanomaly

33.0480, 37.4443, -16.7051

Deuteranomaly

33.1960, 32.9344, -16.8349

Tritanomaly

32.5460, 25.3668, -16.2648

Monochromacy



Original Color

27.7950, 54.8241, 8.9498

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8860, 19.7762, 3.6080

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.7950, 54.8241, 8.9498 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(38, 1, 139)` looks like.

```
.text, #text, p{  
    color:rgb(38, 1, 139)  
}
```

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(38, 1, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 1, 139) }
```

Border

The CSS property to change the border of an element to YUV 27.7950, 54.8241, 8.9498 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(38, 1, 139) }
```


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

```
.border{ border-color:rgb(38, 1, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 1, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 1, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 1, 139);  
box-shadow:4px 4px 4px 4px rgb(38, 1, 139)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.7950, 54.8241, 8.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 1, 139) }
```

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

```
.background{ background-color: rgb(38, 1,  
139) }
```

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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