

Converting Colors

YUV(25.6740, 8.0487, 31.8579)

Have a look what the booklet for
YUV(25.6740, 8.0487, 31.8579)
contains.

YUV(25.6740, 8.0487, 31.8579)	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>	31

Color

**YUV(25.6740, 8.0487,
31.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	3E042A
RGB	62, 4, 42
RGB Percent	24%, 2%, 16%
CMY	0.7569, 0.9843, 0.8353
CMYK	0.00, 0.94, 0.32, 0.76
HSL	321°, 88%, 13%
HSV	321°, 94%, 24%
XYZ	2.4479, 1.2781, 2.3082
YIQ	25.6740, 22.3700, 24.1140

Conversions

Conversions Part 2

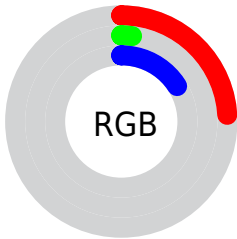
Format	Color
R_{YB}	62, 4, 42
Decimal	4064298
CIE _{Lab}	11.12, 30.75, -8.59
CIE _{LCh}	11, 31.932, 344.394
Yxy	1.2781, 0.4057, 0.2118
Android (android.graphics.Color)	4282254378 (0xFF3E042A)
YUV	25.6740, 8.0487, 31.8579
Hunter-Lab	11.3055, 18.8656, -4.1911




Details

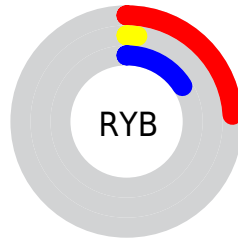
The YUV color **25.6740, 8.0487, 31.8579** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.3260, -8.0487, -31.8579**, and the grayscale version is **26.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **74.5170, 6.1541, 32.8726**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.2120, 8.7695, 34.0171**, and if you desaturate by 10%, it is **29.4240, 7.1860, 28.5692**.

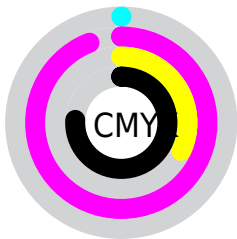
Distribution







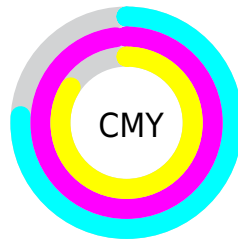
-  Red (24%)
-  Green (2%)
-  Blue (16%)






-  Red (24%)
-  Yellow (2%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (32%)
-  Black (76%)




-  Cyan (76%)
-  Magenta (98%)
-  Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the YUV color 25.6740, 8.0487, 31.8579 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 25.6740, 8.0487, 31.8579 by changing the saturation by 10% instead.

 25.6740, 8.0487,
31.8579


 25.6740, 8.0487,
31.8579

 245.0210, 4.9196,
8.7516

 14.7670, 3.5659,
23.0063

 74.5170, 6.1541,
32.8726

 0.0000, 0.0000,
0.0000

 99.5280, 6.1487,
34.6169

 125.1260, 5.8539,
35.8465


 151.4250, 5.7065,
36.4613

 178.5500, 6.1378,
38.1056


 206.1480, 5.8430,

39.3352

 227.0860, 9.8176,
24.4806


 25.6740, 8.0487,
31.8579


 25.6740, 8.0487,
31.8579

 23.2120, 8.7695,
34.0171

 29.4240, 7.1860,
28.5692

 33.1740, 6.3232,
25.2804

 37.5110, 5.1711,
21.4769

 41.3750, 4.7451,
18.0881

 45.1250, 3.8824,
14.7994

■ 48.8750, 3.0196,
11.5106

■ 52.6250, 2.1569,
8.2219

■ 56.9620, 1.0047,
4.4183

■ 60.7120, 0.1420,
1.1296

Harmonies

Analogous

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



30.3770, 15.0971, 11.0704



25.6740, 8.0487, 31.8579



23.4870, -1.7191, 38.1609

Triad

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



25.6740, 8.0487, 31.8579



27.4550, -13.5353, 1.3550



29.7330, 14.9216, -26.0758

Complementary

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



25.6740, 8.0487, 31.8579



40.3260, -8.0487, -31.8579

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.



28.0400, 5.8963, -24.5911



25.6740, 8.0487, 31.8579



21.7300, -10.7129, -17.3032

Square

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



25.6740, 8.0487, 31.8579



28.4400, -14.0209, 17.1541



24.8310, -3.8607, -21.7768



29.3400, 21.0314, -25.7312

Rectangle

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



25.6740, 8.0487, 31.8579



24.1310, -11.8966, 35.8421



24.8310, -3.8607, -21.7768



29.0490, 12.3008, -25.4760

Sweetspot

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



25.6740, 8.0487, 31.8579



67.5870, 3.1616, 12.6402



16.2930, 22.5336, 5.8820



32.2120, 1.8675, 7.7071



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



25.6740, 8.0487, 31.8579



30.5600, 11.0629, 45.1129



22.4820, -4.1816, 34.6573



29.1250, 0.4314, 1.6444



35.1740, 13.2252, 51.5904



82.9080, 30.6114, 121.9837

Inverse Universe

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



25.6740, 8.0487, 31.8579



30.5600, 11.0629, 45.1129



43.5180, 4.1816, -34.6573



29.1250, 0.4314, 1.6444



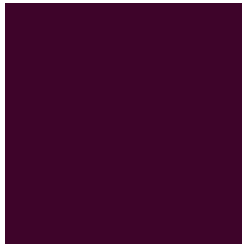
35.1740, 13.2252, 51.5904



82.9080, 30.6114, 121.9837

Previews

White Background



This preview shows how the YUV color 25.6740, 8.0487, 31.8579 looks on a white background.

Color Contrast Check

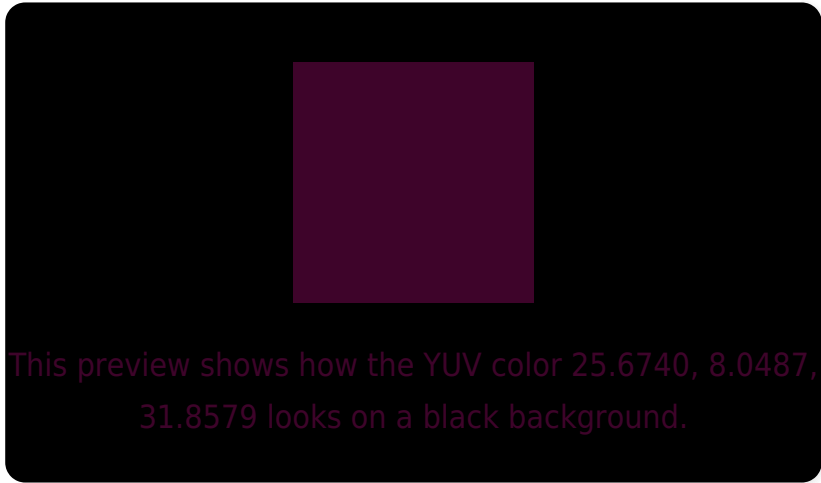
Large Text (above 18pt) WCAG AA ✓ Pass

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

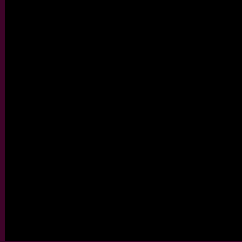
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.6740, 8.0487, 31.8579

Background



This preview shows how black text looks on a background with the YUV color 25.6740, 8.0487, 31.8579.



This preview shows how white text looks on a background with the YUV color 25.6740, 8.0487,

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

25.6740, 8.0487, 31.8579

Protanopia

31.6040, 13.9992, -10.1767

Deuteranopia

33.3960, 2.7628, 0.5297



Tritanopia

29.9710, -5.9017, 26.3354

Trichromacy



Original Color

25.6740, 8.0487, 31.8579

Protanomaly

29.4210, 11.6244, 4.8928

Deuteranomaly

30.6300, 4.6194, 11.7255

Tritanomaly

28.3610, -0.6710, 28.6244

Monochromacy



Original Color

25.6740, 8.0487, 31.8579

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.8750, 3.0196, 11.5106

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.6740, 8.0487, 31.8579 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(62, 4, 42)` looks like.

```
.text, #text, p{  
    color:rgb(62, 4, 42)  
}
```

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(62, 4, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 4, 42) }
```

Border

The CSS property to change the border of an element to YUV 25.6740, 8.0487, 31.8579 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(62, 4, 42) }
```


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

```
.border{ border-color:rgb(62, 4, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 4, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 4, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 4, 42); box-shadow:4px  
4px 4px 4px rgb(62, 4, 42) }
```

Background

The CSS property to change the background color of an element to YUV 25.6740, 8.0487, 31.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 4, 42) }
```

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

```
.background{ background-color: rgb(62, 4,  
42) }
```

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