

Converting Colors

YUV(37.6620, 29.7466, 25.7294)

Have a look what the booklet for
YUV(37.6620, 29.7466, 25.7294)
contains.

YUV(37.6620, 29.7466, 25.7294)	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(37.6620, 29.7466,
25.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	430B62
RGB	67, 11, 98
RGB Percent	26%, 4%, 38%
CMY	0.7373, 0.9569, 0.6157
CMYK	0.32, 0.89, 0.00, 0.62
HSL	279°, 80%, 21%
HSV	279°, 89%, 38%
XYZ	4.6390, 2.3145, 11.7575
YIQ	37.6620, 5.4490, 38.9290

Conversions

Conversions Part 2

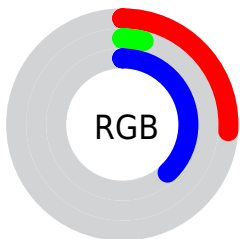
Format	Color
R_{YB}	67, 11, 98
Decimal	4393826
CIE _{Lab}	17.06, 40.23, -38.24
CIE _{LCh}	17, 55.510, 316.454
Yxy	2.3145, 0.2479, 0.1237
Android (android.graphics.Color)	4282583906 (0xFF430B62)
YUV	37.6620, 29.7466, 25.7294
Hunter-Lab	15.2134, 27.8064, -35.1722

Details

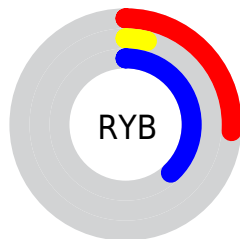
The YUV color **37.6620, 29.7466, 25.7294** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **71.3380, -29.7466, -25.7294**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9610, 29.5992, 26.3442**, and **11.4950, 19.4760, 6.5819** is the 20% darker color. If you saturate the color by 10%, you get **30.8950, 33.0828, 29.0331**, and if you desaturate by 10%, it is **44.4290, 26.4105, 22.4258**.

Distribution



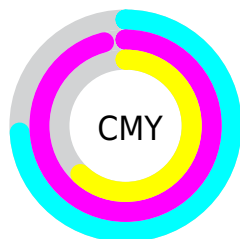
- Red (26%)
- Green (4%)
- Blue (38%)



- Red (26%)
- Yellow (4%)
- Blue (38%)



- Cyan (32%)
- Magenta (89%)
- Yellow (0%)
- Black (62%)



- Cyan (74%)
- Magenta (96%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6620, 29.7466, 25.7294 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 37.6620, 29.7466, 25.7294 by changing the saturation by 10% instead.

37.6620, 29.7466,
25.7294

37.6620, 29.7466,
25.7294

252.0650, 1.4470,
2.5740

20.9940, 26.1320,
18.4223

88.9610, 29.5992,
26.3442

11.4950, 19.4760,
6.5819

114.7870, 30.1780,
27.3738

4.3660, 11.6516,
-3.8290

141.3140, 30.9042,
27.7886

0.0000, 0.0000,
0.0000


168.2540, 31.9198,
28.7182


195.2820, 29.4410,
30.4477


218.6060, 17.9422,


31.9175


 235.0420, 9.8393,
17.5032


 37.6620, 29.7466,
25.7294


 37.6620, 29.7466,
25.7294


 30.8950, 33.0828,
29.0331


 44.4290, 26.4105,
22.4258

 30.0090, 33.5196,
28.9331

 51.4950, 22.9270,
19.7369

 57.6750, 19.8802,
16.9480

 64.7410, 16.3967,
14.2591

 71.5080, 13.0606,
10.9555

■ 78.5740, 9.5770,
8.2666

■ 85.3410, 6.2409,
4.9629

■ 91.8200, 3.0467,
2.7889

■ 98.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



37.8610, 40.9875, -33.2041



37.6620, 29.7466, 25.7294



36.9680, 12.3408, 55.2791

Triad

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



37.6620, 29.7466, 25.7294



40.2900, -19.8630, 24.3017



40.7550, 11.4598, -35.7421

Complementary

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



37.6620, 29.7466, 25.7294



71.3380, -29.7466, -25.7294

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.



35.3800, -6.5963, -31.0283



37.6620, 29.7466, 25.7294



37.1570, -18.3184, -4.5227

Square

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



37.6620, 29.7466, 25.7294



27.8070, -13.7089, 57.1743



31.1110, -15.3377, -27.2843



44.8590, 27.1845, -39.3413

Rectangle

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



37.6620, 29.7466, 25.7294



36.0970, -0.0478, 62.1819



31.1110, -15.3377, -27.2843



39.1590, 5.3446, -34.3424

Sweetspot

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



37.6620, 29.7466, 25.7294



103.5680, 12.0450, 10.0259



39.7020, 28.7409, -25.1717



49.2810, 7.2565, 5.8926



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



37.6620, 29.7466, 25.7294



39.1100, 43.8228, 37.6145



45.5630, 19.9354, 45.9872



45.3530, 1.3050, 1.4444



34.2960, 38.3081, 33.0664



73.4060, 82.1308, 70.6809

Inverse Universe

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



40.5470, 0.7163, 50.3863



43.4020, 0.7878, 74.1924



63.4370, -19.9354, -45.9872



45.3100, -0.1528, 2.3591



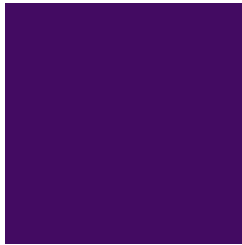
38.0480, 0.9623, 64.8559



81.4500, 1.7502, 139.0483

Previews

White Background



This preview shows how the YUV color 37.6620, 29.7466, 25.7294 looks on a white background.

Color Contrast Check

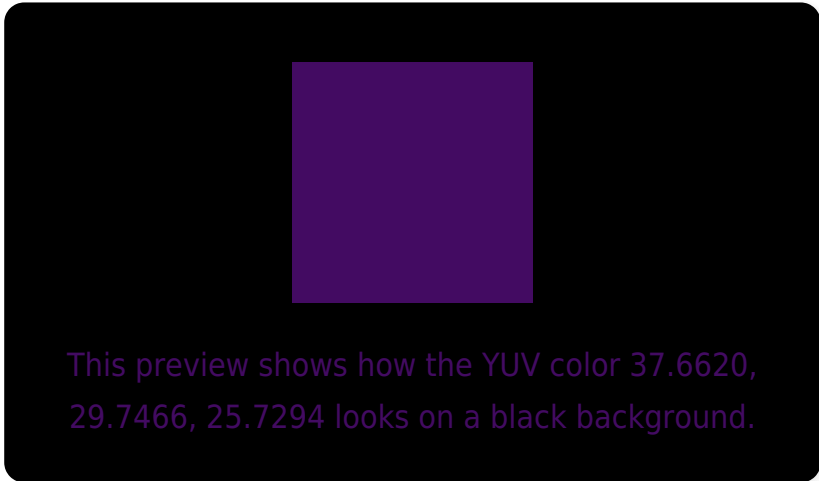
Large Text (above 18pt) WCAG AA ✓ Pass

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

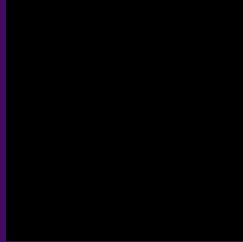
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6620, 29.7466, 25.7294

Background



This preview shows how black text looks on a background with the YUV color 37.6620, 29.7466, 25.7294.



This preview shows how white text looks on a background with the YUV color 37.6620, 29.7466,

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

37.6620, 29.7466, 25.7294

Protanopia

35.5010, 26.8680, -31.1344

Deuteranopia

35.3070, 21.0476, -30.9642



Tritanopia

44.7240, -1.3429, 10.7661

Trichromacy



Original Color

37.6620, 29.7466, 25.7294

Protanomaly

35.9750, 28.1133, -10.5021

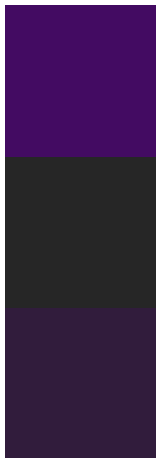
Deuteranomaly

36.2370, 24.0402, -10.7318

Tritanomaly

42.3300, 9.6973, 16.3736

Monochromacy



Original Color

37.6620, 29.7466, 25.7294

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9270, 10.8820, 9.7110

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6620, 29.7466, 25.7294 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(67, 11, 98)` looks like.

```
.text, #text, p{  
    color:rgb(67, 11, 98)  
}
```

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(67, 11, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 11, 98) }
```

Border

The CSS property to change the border of an element to YUV 37.6620, 29.7466, 25.7294 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(67, 11, 98) }
```


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

```
.border{ border-color:rgb(67, 11, 98) }
```

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

Here you see how a box with a 4 pixel rgb(67, 11, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 11, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 11, 98);  
box-shadow:4px 4px 4px 4px rgb(67, 11, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6620, 29.7466, 25.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 11, 98) }
```

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

```
.background{ background-color: rgb(67, 11,  
98) }
```

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