

Converting Colors

YUV(44.4770, 37.2328, 51.3247)

Have a look what the booklet for
YUV(44.4770, 37.2328, 51.3247)
contains.

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Color

**YUV(44.4770, 37.2328,
51.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	670078
RGB	103, 0, 120
RGB Percent	40%, 0%, 47%
CMY	0.5961, 1.0000, 0.5294
CMYK	0.14, 1.00, 0.00, 0.53
HSL	292°, 100%, 24%
HSV	292°, 100%, 47%
XYZ	8.9837, 4.2396, 18.1141
YIQ	44.4770, 22.8680, 59.1560

Conversions

Conversions Part 2

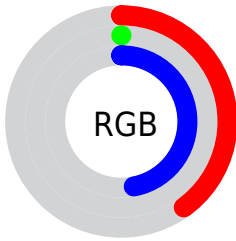
Format	Color
RYB	103, 0, 120
Decimal	6750328
CIELab	24.45, 53.41, -40.26
CIElCh	24, 66.886, 322.993
Yxy	4.2396, 0.2867, 0.1353
Android (android.graphics.Color)	4284940408 (0xFF670078)
YUV	44.4770, 37.2328, 51.3247
Hunter-Lab	20.5904, 41.8474, -37.7464

Details

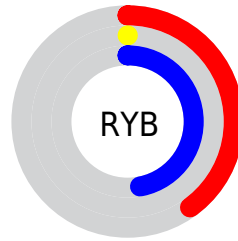
The YUV color **44.4770, 37.2328, 51.3247** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.5230, -37.2328, -51.3247**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7060, 33.1759, 45.8618**, and **23.3430, 23.4949, 24.2552** is the 20% darker color. If you saturate the color by 10%, you get **44.4770, 37.2328, 51.3247**, and if you desaturate by 10%, it is **52.1190, 33.4653, 46.3766**.

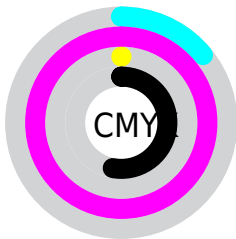
Distribution



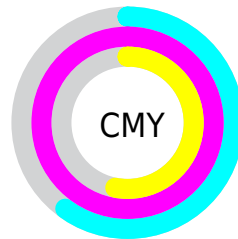
- Red (40%)
- Green (0%)
- Blue (47%)



- Red (40%)
- Yellow (0%)
- Blue (47%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4770, 37.2328, 51.3247 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 44.4770, 37.2328, 51.3247 by changing the saturation by 10% instead.

■ 44.4770, 37.2328,
51.3247

■ 44.4770, 37.2328,
51.3247

255.0000, 0.0000,
0.0000

■ 33.5540, 30.2929,
37.2251

■ 105.7060, 33.1759,
45.8618

■ 23.3430, 23.4949,
24.2552

■ 133.1190, 33.4653,
46.3766

■ 12.8330, 16.8443,
10.6705

■ 160.2440, 33.8967,
48.0210

■ 3.4370, 10.6306,
-3.0142

■ 188.3150, 32.8757,
48.8357

■ 0.0000, 0.0000,
0.0000

■ 207.4530, 23.4407,
41.6987

■ 224.4760, 15.0483,

26.7695

■ 241.4990, 6.6560,
11.8404

■ 44.4770, 37.2328,
51.3247

■ 52.1190, 33.4653,
46.3766

■ 59.4620, 29.8452,
40.8138

■ 67.1040, 26.0777,
35.8658

■ 74.7460, 22.3102,
30.9178

■ 82.0890, 18.6901,
25.3549

■ 89.7310, 14.9226,
20.4069

■ 97.3730, 11.1551,
15.4589

■ 105.0150, 7.3876,
10.5108

■ 112.3580, 3.7675,
4.9480

Harmonies

Analogous

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



47.3790, 52.0712, -41.5514



44.4770, 37.2328, 51.3247



48.8720, 11.4021, 76.4113

Triad

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



44.4770, 37.2328, 51.3247



55.0420, -27.1357, 23.6422



56.2570, 20.0863, -49.3374

Complementary

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



44.4770, 37.2328, 51.3247



75.5230, -37.2328, -51.3247

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.



49.6280, -2.7746, -43.5238



44.4770, 37.2328, 51.3247



49.1960, -24.2536, -14.2039

Square

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



44.4770, 37.2328, 51.3247



46.1360, -22.7450, 62.1477



42.8510, -21.1255, -37.5803



60.5720, 39.1580, -53.1216

Rectangle

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



44.4770, 37.2328, 51.3247



46.3060, -3.6019, 82.1696



42.8510, -21.1255, -37.5803



54.3190, 12.6607, -47.6378

Sweetspot

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



44.4770, 37.2328, 51.3247



126.3180, 14.6332, 19.8921



24.2460, 47.2067, -21.2637



61.3680, 8.6926, 11.9553



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



44.4770, 37.2328, 51.3247



57.8500, 48.3880, 66.7836



44.7720, 16.3814, 65.9750



57.1790, 1.8838, 2.4740



46.2430, 38.8272, 53.2839



93.6110, 78.0858, 108.2122

Inverse Universe

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



37.8180, -10.2633, 72.0736



49.1520, -13.3859, 93.7057



75.2280, -16.3814, -65.9750



56.9080, -0.4476, 3.5887



39.4270, -10.5635, 75.0475



79.4520, -21.4218, 151.3246

Previews

White Background



This preview shows how the YUV color 44.4770, 37.2328, 51.3247 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

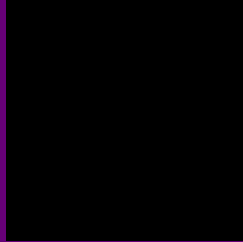
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4770, 37.2328, 51.3247

Background



This preview shows how black text looks on a background with the YUV color 44.4770, 37.2328, 51.3247.



This preview shows how white text looks on a background with the YUV color 44.4770, 37.2328,

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



Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.6350, 30.2529, -43.5299

Tritanopia

61.3950, -5.6177, 28.5946

Trichromacy



Protanomaly

47.5050, 37.7120, -9.2129

Deuteranomaly

47.5390, 32.7653, -9.2427

Tritanomaly

55.1630, 9.7796, 36.6910

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0790, 13.7651, 18.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4770, 37.2328, 51.3247 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(103, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(103, 0, 120)  
}
```

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(103, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 0, 120) }
```

Border

The CSS property to change the border of an element to YUV 44.4770, 37.2328, 51.3247 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(103, 0, 120) }
```

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

```
.border{ border-color:rgb(103, 0, 120) }
```

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

Here you see how a box with a 4 pixel rgb(103, 0, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(103, 0,  
120) }
```


Background

The CSS property to change the background color of an element to YUV 44.4770, 37.2328, 51.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 0, 120) }
```

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

```
.background{ background-color: rgb(103, 0,  
120) }
```

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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