

# Converting Colors

YUV(62.3600, 24.4725, 37.3953)

Have a look what the booklet for  
YUV(62.3600, 24.4725, 37.3953)  
contains.

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# Color

**YUV(62.3600, 24.4725,  
37.3953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	691F70
RGB	105, 31, 112
RGB Percent	41%, 12%, 44%
CMY	0.5882, 0.8784, 0.5608
CMYK	0.06, 0.72, 0.00, 0.56
HSL	295°, 57%, 28%
HSV	295°, 72%, 44%
XYZ	9.2403, 5.1531, 15.8369
YIQ	62.3600, 18.1030, 40.8790

# Conversions

## Conversions Part 2

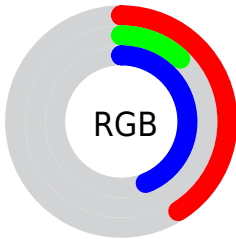
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 31, 112
Decimal	6889328
CIE <sub>Lab</sub>	27.17, 43.84, -30.75
CIE <sub>LCh</sub>	27, 53.556, 324.952
Yxy	5.1531, 0.3057, 0.1705
Android (android.graphics.Color)	4285079408 (0xFF691F70)
YUV	62.3600, 24.4725, 37.3953
Hunter-Lab	22.7004, 32.9336, -25.4732

# Details

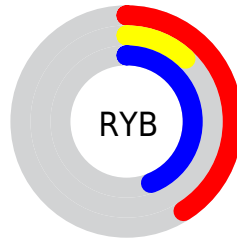
The YUV color **62.3600, 24.4725, 37.3953** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **80.6400, -24.4725, -37.3953**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9580, 24.1777, 38.6248**, and **23.3280, 19.5583, 26.8993** is the 20% darker color. If you saturate the color by 10%, you get **55.6040, 27.8032, 42.4433**, and if you desaturate by 10%, it is **69.1160, 21.1418, 32.3473**.

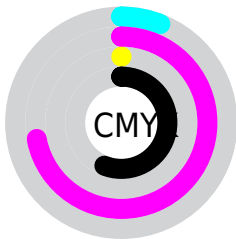
# Distribution



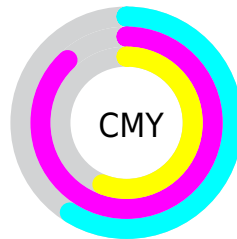
- Red (41%)
- Green (12%)
- Blue (44%)



- Red (41%)
- Yellow (12%)
- Blue (44%)



- Cyan (6%)
- Magenta (72%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (88%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.3600, 24.4725, 37.3953 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 62.3600, 24.4725, 37.3953 by changing the saturation by 10% instead.



62.3600, 24.4725,  
37.3953

62.3600, 24.4725,  
37.3953

255.0000, 0.0000,  
0.0000

33.5390, 26.3563,  
39.8693

114.9580, 24.1777,  
38.6248

23.3280, 19.5583,  
26.8993

141.1970, 25.0459,  
40.1692

14.2420, 13.1917,  
15.5738

168.6100, 25.3353,  
40.6840

2.7530, 8.0098,  
-2.4144

196.3220, 25.4773,  
41.8136

0.0000, 0.0000,  
0.0000

216.2580, 19.0998,  
33.9767

233.2810, 10.7075,

19.0476

250.3040, 2.3151,  
4.1184

62.3600, 24.4725,  
37.3953

62.3600, 24.4725,  
37.3953

55.6040, 27.8032,  
42.4433

69.1160, 21.1418,  
32.3473

48.8480, 31.1339,  
47.4913

75.8720, 17.8111,  
27.2993

43.2660, 33.8859,  
51.5097

83.2150, 14.1910,  
21.7364

89.9710, 10.8603,  
16.6884

96.7270, 7.5296,  
11.6404

■ 103.4830, 4.1989,  
6.5924

■ 110.2390, 0.8682,  
1.5444

■ 117.5820, -2.7519,  
-4.0184

■ 124.3380, -6.0826,  
-9.0664

# Harmonies

## Analogous

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



60.4820, 39.2024, -20.5937



62.3600, 24.4725, 37.3953



47.4910, 12.5759, 73.2374

# Triad

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



62.3600, 24.4725, 37.3953



60.6350, -29.8931, 21.3681



58.7190, 19.3655, -51.4966

# Complementary

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



62.3600, 24.4725, 37.3953



80.6400, -24.4725, -37.3953

# 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.



53.9310, 1.0200, -47.2975



62.3600, 24.4725, 37.3953



56.3170, -27.7643, -8.1710

# Square

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



62.3600, 24.4725, 37.3953



57.8650, -28.5274, 50.1074



46.8120, -18.6413, -41.0541



61.4210, 34.7954, -53.8662



# Rectangle

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



62.3600, 24.4725, 37.3953



45.3100, 0.3402, 77.7811



46.8120, -18.6413, -41.0541



57.1230, 13.2504, -50.0969

# Sweetspot

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



62.3600, 24.4725, 37.3953



125.6180, 9.5553, 15.2440



44.9300, 33.0655, -12.2166



62.2490, 5.7932, 8.5516



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



62.3600, 24.4725, 37.3953



67.7490, 38.0847, 58.1021



60.8050, 9.4631, 44.8980



52.4780, 1.7363, 3.0888



46.2710, 36.3484, 55.0133



95.7320, 74.5751, 114.2450



# Inverse Universe

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



56.0170, -8.8824, 49.0971



57.9280, -13.7685, 76.3621



82.1950, -9.4631, -44.8980



51.9080, -0.4476, 3.5887



37.0200, -13.3209, 72.7735

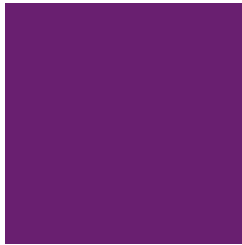


76.2470, -27.2368, 149.7504



# Previews

## White Background



This preview shows how the YUV color 62.3600, 24.4725, 37.3953 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

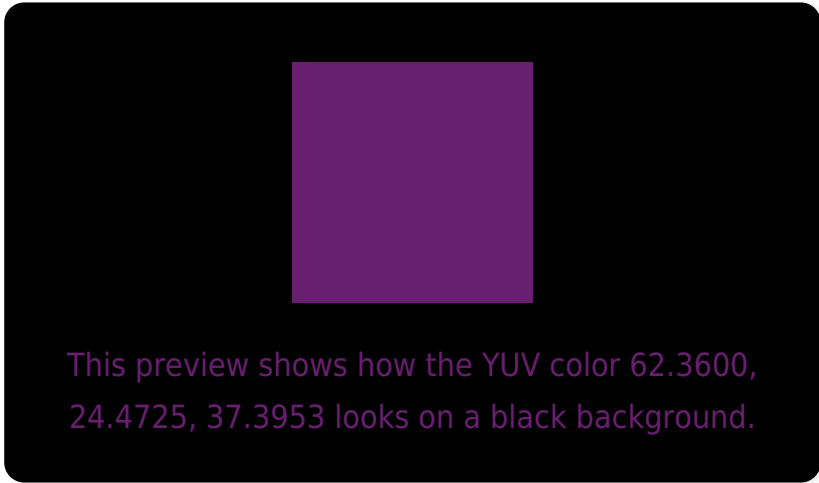
Any Text WCAG AA ✓ Pass

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

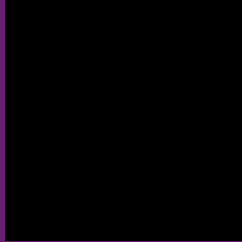
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.3600, 24.4725, 37.3953

## Background



This preview shows how black text looks on a background with the YUV color 62.3600, 24.4725, 37.3953.



This preview shows how white text looks on a background with the YUV color 62.3600, 24.4725,



# 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

62.3600, 24.4725, 37.3953

### Protanopia

52.2570, 40.2993, -45.8294

### Deuteranopia

62.7860, 21.3045, -19.9833



## Tritanopia

65.5090, -5.1809, 28.4946

# Trichromacy



## Original Color

62.3600, 24.4725, 37.3953

## Protanomaly

55.6630, 34.6761, -15.4905

## Deuteranomaly

62.5590, 22.4024, 1.2638

## Tritanomaly

64.6910, 5.5753, 31.8430

# Monochromacy



## Original Color

62.3600, 24.4725, 37.3953

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.3790, 8.6872, 13.6996

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.3600, 24.4725, 37.3953 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(105, 31, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 31, 112)  
}
```

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(105, 31, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 31, 112) }
```

## Border

The CSS property to change the border of an element to YUV 62.3600, 24.4725, 37.3953 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(105, 31, 112) }
```



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

```
.border{ border-color:rgb(105, 31, 112) }
```

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

Here you see how a box with a 4 pixel rgb(105, 31, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 31, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 31, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 31,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 62.3600, 24.4725, 37.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 31, 112) }
```

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

```
.background{ background-color: rgb(105, 31,  
112) }
```

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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