

Converting Colors

YUV(60.6390, 17.9260, 37.1506)

Have a look what the booklet for
YUV(60.6390, 17.9260, 37.1506)
contains.

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Color

**YUV(60.6390, 17.9260,
37.1506)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 672061 |
| RGB | 103, 32, 97 |
| RGB Percent | 40%, 13%, 38% |
| CMY | 0.5961, 0.8745, 0.6196 |
| CMYK | 0.00, 0.69, 0.06, 0.60 |
| HSL | 305°, 53%, 26% |
| HSV | 305°, 69%, 40% |
| XYZ | 8.2677, 4.7797, 11.7961 |
| YIQ | 60.6390, 21.4510, 35.2670 |

Conversions

Conversions Part 2

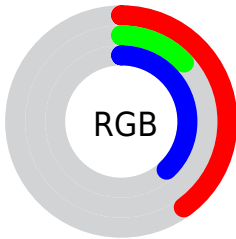
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 103, 32, 97 |
| Decimal | 6758497 |
| CIE _{Lab} | 26.10, 40.08, -22.76 |
| CIE _{LCh} | 26, 46.096, 330.411 |
| Yxy | 4.7797, 0.3328, 0.1924 |
| Android (android.graphics.Color) | 4284948577 (0xFF672061) |
| YUV | 60.6390, 17.9260, 37.1506 |
| Hunter-Lab | 21.8624, 29.2440, -16.6868 |

Details

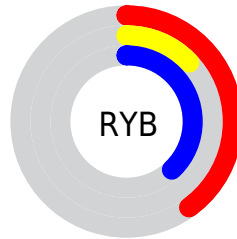
The YUV color **60.6390, 17.9260, 37.1506** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.3610, -17.9260, -37.1506**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6500, 17.9206, 38.8950**, and **21.5470, 14.0273, 27.5843** is the 20% darker color. If you saturate the color by 10%, you get **54.6550, 20.3831, 42.3986**, and if you desaturate by 10%, it is **66.6230, 15.4689, 31.9026**.

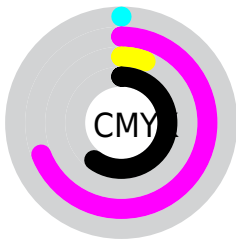
Distribution



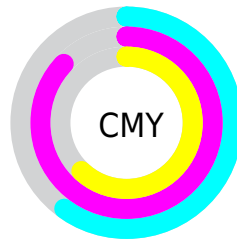
- Red (40%)
- Green (13%)
- Blue (38%)



- Red (40%)
- Yellow (13%)
- Blue (38%)



- Cyan (0%)
- Magenta (69%)
- Yellow (6%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6390, 17.9260, 37.1506 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 60.6390, 17.9260, 37.1506 by changing the saturation by 10% instead.

60.6390, 17.9260,
37.1506

60.6390, 17.9260,
37.1506

255.0000, 0.0000,
0.0000

32.5190, 19.9571,
39.0098

111.6500, 17.9206,
38.8950

21.5470, 14.0273,
27.5843

138.3620, 18.0625,
40.0245

12.2760, 8.2449,
15.5439

165.0740, 18.2045,
41.1541

0.0000, 0.0000,
0.0000

192.7860, 18.3465,
42.2837

216.2580, 19.0998,
33.9767

232.6940, 10.9969,

19.5624

249.7170, 2.6045,
4.6332

60.6390, 17.9260,
37.1506

60.6390, 17.9260,
37.1506

54.6550, 20.3831,
42.3986

66.6230, 15.4689,
31.9026

48.0840, 23.1296,
48.1613

73.1940, 12.7224,
26.1399

42.1000, 25.5867,
53.4093

79.1780, 10.2652,
20.8919

41.5130, 25.8761,
53.9241

85.0480, 7.3713,
15.7439

91.6190, 4.6248,
9.9811

■ 97.6030, 2.1677,
4.7332

■ 103.5870, -0.2894,
-0.5148

■ 109.5710, -2.7465,
-5.7628

■ 116.1420, -5.4930,
-11.5255

Harmonies

Analogous

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



61.8880, 30.1282, -3.4098



60.6390, 17.9260, 37.1506



52.7530, 5.0518, 59.8526

Triad

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



60.6390, 17.9260, 37.1506



57.9440, -28.5664, 15.8351



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.



60.6390, 17.9260, 37.1506



74.3610, -17.9260, -37.1506

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.



52.1530, 4.3616, -45.7382



60.6390, 17.9260, 37.1506



53.3490, -26.3011, -10.8301

Square

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



60.6390, 17.9260, 37.1506



57.7990, -28.4949, 39.6413



46.7610, -11.2212, -41.0094



57.4600, 32.3112, -50.3924

Rectangle

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



60.6390, 17.9260, 37.1506



52.7780, -6.2996, 60.7077



46.7610, -11.2212, -41.0094



54.8890, 14.8447, -48.1377

Sweetspot

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



60.6390, 17.9260, 37.1506



118.3360, 7.2294, 14.6143



41.8880, 30.1282, -3.4098



58.7930, 4.0461, 8.9515



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



60.6390, 17.9260, 37.1506



68.2300, 28.4806, 58.5573



56.6490, 2.6380, 40.6498



48.0650, 1.4470, 2.5740



46.3550, 28.9120, 60.2017



97.6660, 61.2967, 126.5809

Inverse Universe

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



60.6390, 17.9260, 37.1506



68.2300, 28.4806, 58.5573



78.3510, -2.6380, -40.6498



48.0650, 1.4470, 2.5740



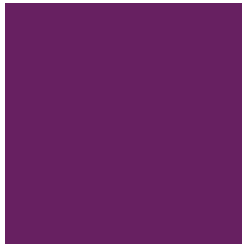
46.3550, 28.9120, 60.2017



97.6660, 61.2967, 126.5809

Previews

White Background



This preview shows how the YUV color 60.6390, 17.9260, 37.1506 looks on a white background.

Color Contrast Check

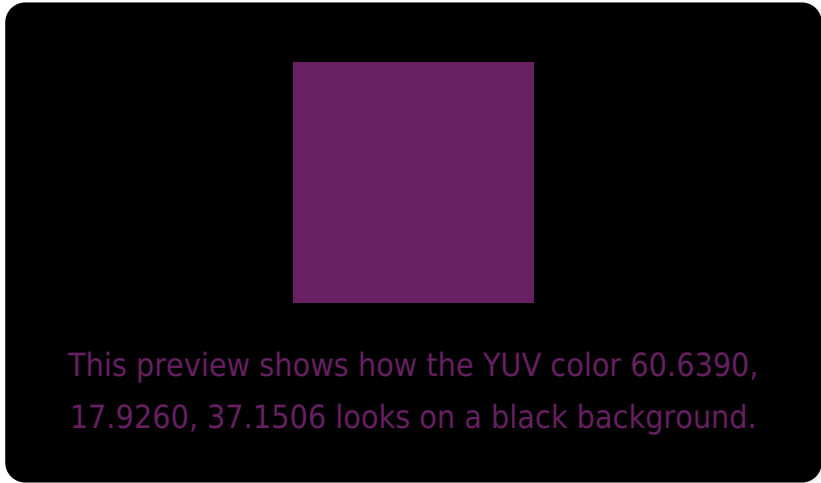
Large Text (above 18pt) WCAG AA ✓ Pass

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

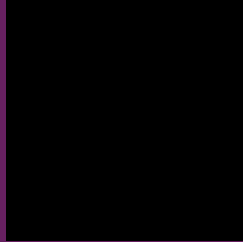
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6390, 17.9260, 37.1506

Background



This preview shows how black text looks on a background with the YUV color 60.6390, 17.9260, 37.1506.



This preview shows how white text looks on a background with the YUV color 60.6390, 17.9260,

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

60.6390, 17.9260, 37.1506

Protanopia

57.3040, 32.3881, -28.3306

Deuteranopia

62.7180, 14.4360, -10.2767



Tritanopia

62.5910, -6.2074, 31.0537

Trichromacy



Original Color

60.6390, 17.9260, 37.1506

Protanomaly

58.1930, 27.5129, -4.5543

Deuteranomaly

62.1700, 15.6922, 6.8669

Tritanomaly

62.1920, 2.3703, 33.1576

Monochromacy



Original Color

60.6390, 17.9260, 37.1506

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.5100, 6.6506, 13.5847

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6390, 17.9260, 37.1506 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, 32, 97)` looks like.

```
.text, #text, p{  
    color:rgb(103, 32, 97)  
}
```

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, 32, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 32, 97) }
```

Border

The CSS property to change the border of an element to YUV 60.6390, 17.9260, 37.1506 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, 32, 97) }
```


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

```
.border{ border-color:rgb(103, 32, 97) }
```

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

Here you see how a box with a 4 pixel rgb(103, 32, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 32, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 32, 97);  
box-shadow:4px 4px 4px 4px rgb(103, 32,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 60.6390, 17.9260, 37.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 32, 97) }
```

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

```
.background{ background-color: rgb(103, 32,  
97) }
```

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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