

Converting Colors

YUV(60.9260, 2.5015, 37.7759)

Have a look what the booklet for
YUV(60.9260, 2.5015, 37.7759)
contains.

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Color

**YUV(60.9260, 2.5015,
37.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	682642
RGB	104, 38, 66
RGB Percent	41%, 15%, 26%
CMY	0.5922, 0.8510, 0.7412
CMYK	0.00, 0.63, 0.37, 0.59
HSL	335°, 46%, 28%
HSV	335°, 63%, 41%
XYZ	7.3854, 4.7226, 5.6766
YIQ	60.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

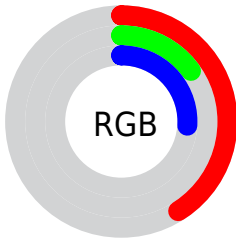
Format	Color
R_{YB}	104, 38, 66
Decimal	6825538
CIE Lab	25.93, 32.63, -2.42
CIE LCh	26, 32.720, 355.754
Yxy	4.7226, 0.4153, 0.2655
Android (android.graphics.Color)	4285015618 (0xFF682642)
YUV	60.9260, 2.5015, 37.7759
Hunter-Lab	21.7316, 22.6322, -0.2751

Details

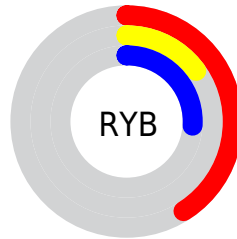
The YUV color **60.9260, 2.5015, 37.7759** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **81.0740, -2.5015, -37.7759**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3070, 1.3276, 40.9498**, and **18.5830, 2.6706, 30.1837** is the 20% darker color. If you saturate the color by 10%, you get **54.3720, 2.7746, 43.5238**, and if you desaturate by 10%, it is **67.4800, 2.2284, 32.0280**.

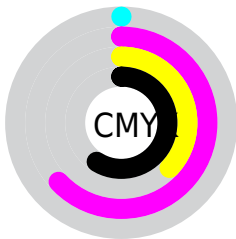
Distribution



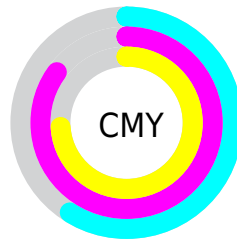
- Red (41%)
- Green (15%)
- Blue (26%)



- Red (41%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (63%)
- Yellow (37%)
- Black (59%)



- Cyan (59%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.9260, 2.5015, 37.7759 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 60.9260, 2.5015, 37.7759 by changing the saturation by 10% instead.

60.9260, 2.5015,
37.7759

60.9260, 2.5015,
37.7759

255.0000, 0.0000,
0.0000

35.3820, 4.2487,
37.3760

111.3070, 1.3276,
40.9498

18.5830, 2.6706,
30.1837

136.9050, 1.0328,
42.1793

8.4860, -3.6906,
17.1138

163.9160, 1.0274,
43.9237

0.0000, 0.0000,
0.0000

191.5140, 0.7326,
45.1532

214.1430, 3.3805,
35.8316

234.3580, 7.2185,

18.1030

251.4780, 1.7363,
3.0888

60.9260, 2.5015,
37.7759

60.9260, 2.5015,
37.7759

54.3720, 2.7746,
43.5238

67.4800, 2.2284,
32.0280

47.2310, 3.3371,
49.7864

74.6210, 1.6658,
25.7654

40.6770, 3.6102,
55.5343

81.1750, 1.3927,
20.0175

36.1120, 3.8888,
59.5378

88.3160, 0.8302,
13.7549

94.8700, 0.5571,
8.0070

■ 101.4240, 0.2840,
2.2592

■ 108.5650, -0.2785,
-4.0035

■ 115.1190, -0.5517,
-9.7514

■ 122.2600, -1.1142,
-16.0140

Harmonies

Analogous

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



62.9870, 13.3174, 21.9364



60.9260, 2.5015, 37.7759



59.8480, -9.2921, 40.4753

Triad

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



60.9260, 2.5015, 37.7759



55.9570, -21.6708, -2.5933



53.3050, 24.0066, -46.7485

Complementary

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



60.9260, 2.5015, 37.7759



81.0740, -2.5015, -37.7759

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.



52.1990, 14.6919, -45.7785



60.9260, 2.5015, 37.7759



50.7070, -9.2226, -28.6840

Square

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



60.9260, 2.5015, 37.7759



58.3400, -25.8036, 16.3648



49.3490, 3.7719, -43.2791



50.8090, 29.6742, -44.5595

Rectangle

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



60.9260, 2.5015, 37.7759



59.9800, -16.2591, 35.0975



49.3490, 3.7719, -43.2791



53.2080, 21.0965, -46.6634

Sweetspot

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



60.9260, 2.5015, 37.7759



118.0280, 0.9722, 14.8844



56.5870, 23.3746, 16.1482



58.5820, 0.6991, 9.1366



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.



60.9260, 2.5015, 37.7759



67.8130, 4.0362, 58.9230



60.0820, -10.8864, 38.5161



47.7230, 0.1366, 2.8739



39.9710, 4.4513, 65.8004



84.1000, 9.3177, 138.4783

Inverse Universe

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



60.9260, 2.5015, 37.7759



67.8130, 4.0362, 58.9230



81.9180, 10.8864, -38.5161



47.7230, 0.1366, 2.8739



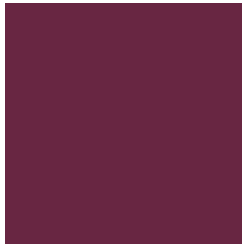
39.9710, 4.4513, 65.8004



84.1000, 9.3177, 138.4783

Previews

White Background



This preview shows how the YUV color 60.9260, 2.5015, 37.7759 looks on a white background.

Color Contrast Check

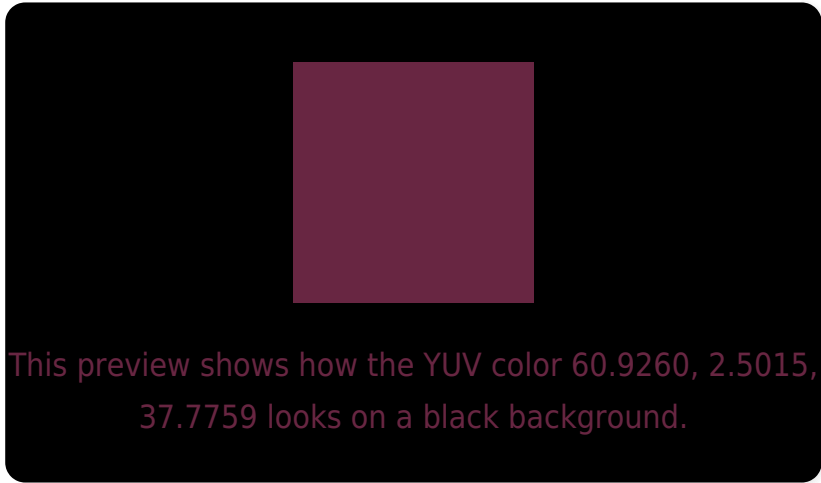
Large Text (above 18pt) WCAG AA ✓ Pass

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

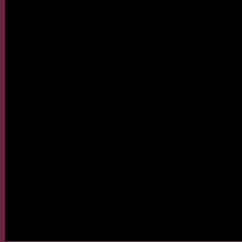
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.9260, 2.5015, 37.7759

Background



This preview shows how black text looks on a background with the YUV color 60.9260, 2.5015, 37.7759.



This preview shows how white text looks on a background with the YUV color 60.9260, 2.5015,

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

60.9260, 2.5015, 37.7759

Protanopia

62.6710, 9.0362, -4.9735

Deuteranopia

62.7340, 0.1311, 4.6183



Tritanopia

60.8690, -7.8234, 36.0719

Trichromacy



Original Color

60.9260, 2.5015, 37.7759

Protanomaly

61.9010, 6.9508, 10.6108

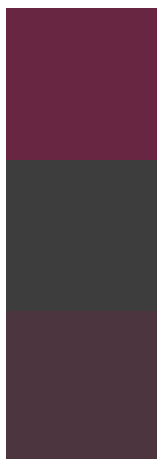
Deuteranomaly

62.0390, 0.9668, 16.6288

Tritanomaly

60.9060, -3.8977, 36.9164

Monochromacy



Original Color

60.9260, 2.5015, 37.7759

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.3160, 0.8302, 13.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.9260, 2.5015, 37.7759 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(104, 38, 66)` looks like.

```
.text, #text, p{  
    color:rgb(104, 38, 66)  
}
```

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(104, 38, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 38, 66) }
```

Border

The CSS property to change the border of an element to YUV 60.9260, 2.5015, 37.7759 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(104, 38, 66) }
```


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

```
.border{ border-color:rgb(104, 38, 66) }
```

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

Here you see how a box with a 4 pixel rgb(104, 38, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 38, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 38, 66);  
box-shadow:4px 4px 4px 4px rgb(104, 38,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 60.9260, 2.5015, 37.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 38, 66) }
```

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

```
.background{ background-color: rgb(104, 38,  
66) }
```

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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