

Converting Colors

YUV(108.7650, 37.0909,
50.1951)

Have a look what the booklet for
YUV(108.7650, 37.0909, 50.1951)
contains.

YUV(108.7650, 37.0909, 50.1951)	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(108.7650, 37.0909,
50.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	A641B8
RGB	166, 65, 184
RGB Percent	65%, 25%, 72%
CMY	0.3490, 0.7451, 0.2784
CMYK	0.10, 0.65, 0.00, 0.28
HSL	291°, 48%, 49%
HSV	291°, 65%, 72%
XYZ	26.2679, 15.3483, 46.9254
YIQ	108.7650, 21.9970, 58.4210

Conversions

Conversions Part 2

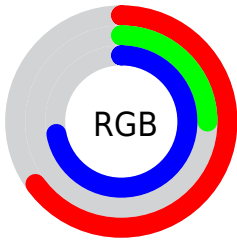
Format	Color
R_{YB}	166, 65, 184
Decimal	10895800
CIE _{Lab}	46.11, 57.98, -43.99
CIE _{LCh}	46, 72.779, 322.813
Yxy	15.3483, 0.2967, 0.1733
Android (android.graphics.Color)	4289085880 (0xFFA641B8)
YUV	108.7650, 37.0909, 50.1951
Hunter-Lab	39.1769, 51.1239, -43.5928

Details

The YUV color **108.7650, 37.0909, 50.1951** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **140.2350, -37.0909, -50.1951**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8900, 37.5222, 51.8395**, and **47.7100, 40.5690, 54.6283** is the 20% darker color. If you saturate the color by 10%, you get **97.3020, 42.7421, 57.6171**, and if you desaturate by 10%, it is **120.2280, 31.4396, 42.7730**.

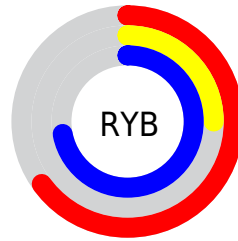
Distribution



Red (65%)

Green (25%)

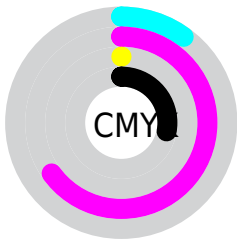
Blue (72%)



Red (65%)

Yellow (25%)

Blue (72%)

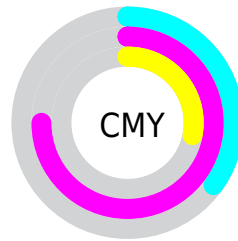


Cyan (10%)

Magenta (65%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (75%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7650, 37.0909, 50.1951 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 108.7650, 37.0909, 50.1951 by changing the saturation by 10% instead.

108.7650, 37.0909,
50.1951

108.7650, 37.0909,
50.1951

255.0000, 0.0000,
0.0000

80.2920, 37.8170,
50.6099

164.8900, 37.5222,
51.8395

47.7100, 40.5690,
54.6283

191.0060, 31.5490,
54.3687

36.7870, 33.6290,
40.5288

208.0400, 23.1513,
41.1839

26.1630, 26.5416,
27.0440

225.0630, 14.7589,
26.2547

15.9520, 19.7437,
14.0741

242.0860, 6.3666,
11.3256

4.9360, 13.8356,
-4.3289

0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 108.7650, 37.0909,
50.1951

■ 108.7650, 37.0909,
50.1951

■ 97.3020, 42.7421,
57.6171

■ 120.2280, 31.4396,
42.7730

■ 85.2520, 48.6828,
65.5540

■ 132.2780, 25.4989,
34.8362

■ 74.0880, 54.1866,
73.5908

■ 143.4420, 19.9951,
26.7994

■ 67.6200, 57.3753,
77.5093

■ 155.4920, 14.0544,
18.8625

■ 166.9550, 8.4032,
11.4405

■ 178.4180, 2.7519,
4.0184

■ 190.1690, -3.0413,
-4.5332

■ 201.6320, -8.6926,
-11.9553

■ 213.6820,
-14.6332, -19.8921

Harmonies

Analogous

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



101.7630, 59.7698, -37.5032



108.7650, 37.0909, 50.1951



88.6980, 18.8829, 103.7509

Triad

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



108.7650, 37.0909, 50.1951



103.2290, -50.8919, 36.6332



96.9150, 28.6359, -84.9945

Complementary

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



108.7650, 37.0909, 50.1951



140.2350, -37.0909, -50.1951

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.



89.1460, 1.4070, -78.1810



108.7650, 37.0909, 50.1951



96.7520, -47.6987, -7.6755

Square

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



108.7650, 37.0909, 50.1951



98.4760, -48.5487, 78.5125



78.3450, -27.2851, -68.7086



100.9680, 51.7808, -88.5489

Rectangle

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



108.7650, 37.0909, 50.1951



84.3560, 0.8105, 113.6978



78.3450, -27.2851, -68.7086



94.6350, 19.8999, -82.9949

Sweetspot

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



108.7650, 37.0909, 50.1951



210.9050, 14.3438, 19.3773



90.3060, 46.1911, -22.1934



102.3680, 8.6926, 11.9553



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



108.7650, 37.0909, 50.1951



121.5600, 58.3909, 78.4389



109.5870, 16.9656, 65.2602



86.1190, 2.8993, 3.4036



57.2520, 48.6828, 65.5540



10.3680, 8.6926, 11.9553

Inverse Universe

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



102.6330, -9.6791, 71.3589



112.1050, -15.3348, 112.1639



139.4130, -16.9656, -65.2602



85.8050, -0.8899, 5.4330



49.3800, -12.5123, 93.5057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 108.7650, 37.0909, 50.1951 looks on a white background.

Color Contrast Check

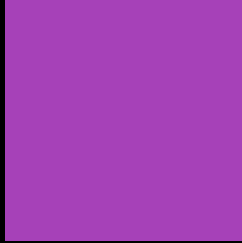
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.7650, 37.0909, 50.1951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

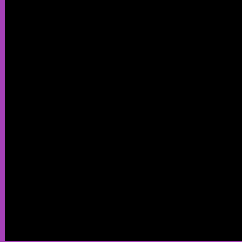
Any Text WCAG AA × Fail

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 108.7650, 37.0909, 50.1951 Background



This preview shows how black text looks on a background with the YUV color 108.7650, 37.0909, 50.1951.



This preview shows how white text looks on a background with the YUV color 108.7650, 37.0909, 50.1951.

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

108.7650, 37.0909, 50.1951

Protanopia

92.2430, 64.9562, -67.7421

Deuteranopia

105.8630, 34.5775, -30.5749



Tritanopia

110.9340, -6.3765, 38.6459

Trichromacy



Original Color

108.7650, 37.0909, 50.1951



Protanomaly

98.1730, 54.6377, -24.7077



Deuteranomaly

107.2780, 35.3589, -1.1208



Tritanomaly

110.3810, 9.1792, 42.6389

Monochromacy



Original Color

108.7650, 37.0909, 50.1951



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.9650, 13.3283, 18.4477

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7650, 37.0909, 50.1951 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(166, 65, 184)` looks like.

```
.text, #text, p{  
    color:rgb(166, 65, 184)  
}
```

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(166, 65, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 65, 184) }
```

Border

The CSS property to change the border of an element to YUV 108.7650, 37.0909, 50.1951 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(166, 65, 184) }
```


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

```
.border{ border-color:rgb(166, 65, 184) }
```

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

Here you see how a box with a 4 pixel rgb(166, 65, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 65, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 65, 184);  
box-shadow:4px 4px 4px 4px rgb(166, 65,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 108.7650, 37.0909, 50.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 65, 184) }
```

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

```
.background{ background-color: rgb(166, 65,  
184) }
```

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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