

Converting Colors

YUV(50.0120, 15.7701, 75.4115)

Have a look what the booklet for
YUV(50.0120, 15.7701, 75.4115)
contains.

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Color

**YUV(50.0120, 15.7701,
75.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	880052
RGB	136, 0, 82
RGB Percent	53%, 0%, 32%
CMY	0.4667, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.40, 0.47
HSL	324°, 100%, 27%
HSV	324°, 100%, 53%
XYZ	11.6763, 5.8434, 8.4951
YIQ	50.0120, 54.7340, 54.3340

Conversions

Conversions Part 2

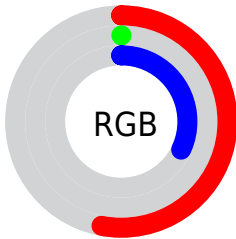
Format	Color
RYB	136, 0, 82
Decimal	8912978
CIELab	29.01, 54.53, -7.85
CIELCh	29, 55.093, 351.808
Yxy	5.8434, 0.4488, 0.2246
Android (android.graphics.Color)	4287103058 (0xFF880052)
YUV	50.0120, 15.7701, 75.4115
Hunter-Lab	24.1732, 43.9174, -3.9149

Details

The YUV color **50.0120, 15.7701, 75.4115** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **85.9880, -15.7701, -75.4115**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6170, 8.0768, 69.6189**, and **28.1380, 4.3690, 45.4830** is the 20% darker color. If you saturate the color by 10%, you get **50.0120, 15.7701, 75.4115**, and if you desaturate by 10%, it is **58.8000, 13.9026, 67.7044**.

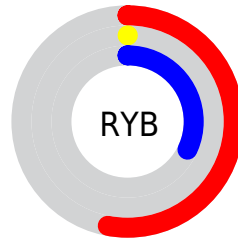
Distribution



Red (53%)

Green (0%)

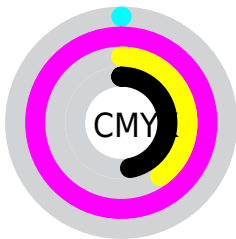
Blue (32%)



Red (53%)

Yellow (0%)

Blue (32%)

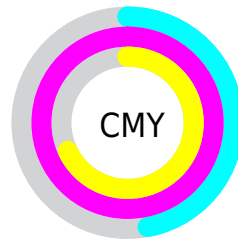


Cyan (0%)

Magenta (100%)

Yellow (40%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0120, 15.7701, 75.4115 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 50.0120, 15.7701, 75.4115 by changing the saturation by 10% instead.

50.0120, 15.7701,
75.4115

50.0120, 15.7701,
75.4115

255.0000, 0.0000,
0.0000

39.0180, 9.8511,
60.4972

114.6170, 8.0768,
69.6189

28.1380, 4.3690,
45.4830

142.6880, 7.0558,
70.4336

18.5680, -1.2660,
32.8279

170.5850, 6.6136,
72.2780

5.0830, -2.5059,
10.4512


190.8110, 10.4462,
56.2938


0.0000, 0.0000,
0.0000


210.4390, 14.5736,
39.0800


229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220

 50.0120, 15.7701,
75.4115

 58.8000, 13.9026,
67.7044

 67.1150, 12.7613,
60.4121

 75.9030, 10.8938,
52.7051

 84.2180, 9.7525,
45.4128

 93.0060, 7.8850,
37.7057

■ 101.7940, 6.0176,
29.9987

■ 110.1090, 4.8763,
22.7064

■ 118.8970, 3.0088,
14.9993

■ 127.2120, 1.8675,
7.7071

Harmonies

Analogous

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



67.9080, 26.6674, 33.4067



50.0120, 15.7701, 75.4115



50.5290, -5.1908, 78.4661

Triad

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



50.0120, 15.7701, 75.4115



60.7690, -29.9591, -4.1824



64.6980, 34.6589, -56.7401

Complementary

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



50.0120, 15.7701, 75.4115



85.9880, -15.7701, -75.4115

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.



61.7680, 18.3554, -54.1705



50.0120, 15.7701, 75.4115



48.7040, -21.5461, -42.7134

Square

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



50.0120, 15.7701, 75.4115



65.0870, -32.0879, 25.3567



56.1650, -0.5743, -49.2567



62.7550, 44.9838, -55.0361

Rectangle

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



50.0120, 15.7701, 75.4115



59.2070, -23.7661, 62.9625



56.1650, -0.5743, -49.2567



64.1450, 30.0015, -56.2552

Sweetspot

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



50.0120, 15.7701, 75.4115



142.4950, 6.1650, 29.3839



31.0520, 51.7394, 18.3714



68.7340, 3.5821, 17.7733



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



50.0120, 15.7701, 75.4115



64.7080, 20.3570, 97.6031



42.4880, -13.0586, 82.0100



64.5490, 0.7153, 3.9035



48.8870, 15.3387, 73.7671



1.8370, 0.5734, 2.7740

Inverse Universe

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



50.0120, 15.7701, 75.4115



64.7080, 20.3570, 97.6031



93.5120, 13.0586, -82.0100



64.5490, 0.7153, 3.9035



48.8870, 15.3387, 73.7671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 50.0120, 15.7701, 75.4115 looks on a white background.

Color Contrast Check

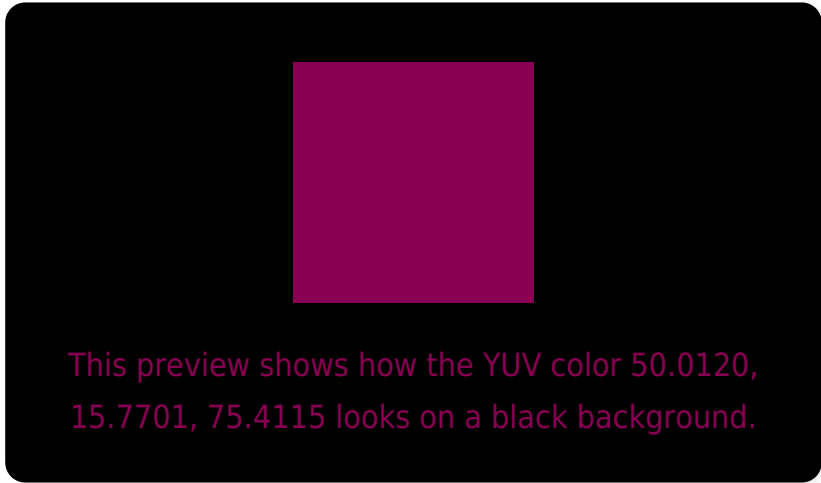
Large Text (above 18pt) WCAG AA ✓ Pass

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

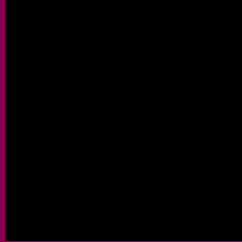
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.0120, 15.7701, 75.4115

Background



This preview shows how black text looks on a background with the YUV color 50.0120, 15.7701, 75.4115.



This preview shows how white text looks on a background with the YUV color 50.0120, 15.7701,

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

50.0120, 15.7701, 75.4115

Protanopia

70.3890, 23.4722, -15.2502

Deuteranopia

72.7770, 1.5889, 3.7036



Tritanopia

62.3130, -14.4513, 61.9925

Trichromacy



Original Color

50.0120, 15.7701, 75.4115

Protanomaly

63.2020, 20.6064, 17.3628

Deuteranomaly

64.6090, 6.6018, 29.2839

Tritanomaly

57.6200, -3.2637, 66.9853

Monochromacy



Original Color

50.0120, 15.7701, 75.4115

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0710, 5.8810, 27.1247

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0120, 15.7701, 75.4115 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(136, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 0, 82)  
}
```

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(136, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 0, 82) }
```

Border

The CSS property to change the border of an element to YUV 50.0120, 15.7701, 75.4115 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(136, 0, 82) }
```


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

```
.border{ border-color:rgb(136, 0, 82) }
```

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

Here you see how a box with a 4 pixel rgb(136, 0, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.0120, 15.7701, 75.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 0, 82) }
```

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

```
.background{ background-color: rgb(136, 0,  
82) }
```

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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