

# Converting Colors

YUV(54.0860, 23.6216, 77.1006)

Have a look what the booklet for  
YUV(54.0860, 23.6216, 77.1006)  
contains.

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# Color

**YUV(54.0860, 23.6216,  
77.1006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E0066
RGB	142, 0, 102
RGB Percent	56%, 0%, 40%
CMY	0.4431, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.28, 0.44
HSL	317°, 100%, 28%
HSV	317°, 100%, 56%
XYZ	13.5536, 6.7101, 13.1512
YIQ	54.0860, 51.8900, 61.8260

# Conversions

## Conversions Part 2

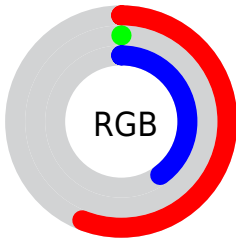
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 0, 102
Decimal	9306214
CIE <sub>Lab</sub>	31.14, 58.04, -17.59
CIE <sub>LCh</sub>	31, 60.649, 343.140
Yxy	6.7101, 0.4056, 0.2008
Android (android.graphics.Color)	4287496294 (0xFF8E0066)
YUV	54.0860, 23.6216, 77.1006
Hunter-Lab	25.9038, 48.0644, -11.9684

# Details

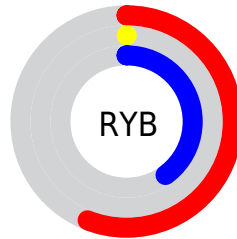
The YUV color **54.0860, 23.6216, 77.1006** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **87.9140, -23.6216, -77.1006**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6800, 15.9338, 69.5636**, and **32.2830, 11.1995, 47.9868** is the 20% darker color. If you saturate the color by 10%, you get **54.0860, 23.6216, 77.1006**, and if you desaturate by 10%, it is **62.7600, 21.3173, 69.4935**.

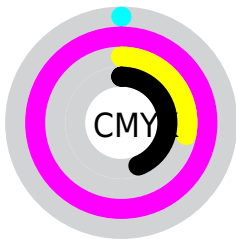
# Distribution



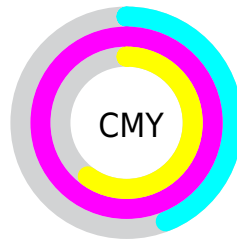
- Red (56%)
- Green (0%)
- Blue (40%)



- Red (56%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (44%)




- Cyan (44%)
- Magenta (100%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 54.0860, 23.6216, 77.1006 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 54.0860, 23.6216, 77.1006 by changing the saturation by 10% instead.




 54.0860, 23.6216,  
77.1006


 54.0860, 23.6216,  
77.1006

255.0000, 0.0000,  
0.0000


 42.9780, 17.2658,  
62.2863


 120.6800, 15.9338,  
69.5636


 32.2830, 11.1995,  
47.9868

 148.8650, 15.3496,  
70.2784


 22.4140, 5.7119,  
34.7169

 175.6800, 15.9338,  
69.5636

 10.6650, -1.8068,  
19.5878

 195.3080, 20.0612,  
52.3499

 0.0000, 0.0000,  
0.0000

 214.4970, 19.9680,  
35.5211

 231.5200, 11.5756,

20.5920

248.5430, 3.1833,  
5.6628

54.0860, 23.6216,  
77.1006

62.7600, 21.3173,  
69.4935

71.4340, 19.0130,  
61.8864

80.6950, 16.4194,  
53.7645

89.3690, 14.1151,  
46.1574

98.0430, 11.8108,  
38.5503

■ 106.7170, 9.5065,  
30.9432

■ 115.3910, 7.2022,  
23.3361

■ 124.6520, 4.6086,  
15.2142

■ 133.3260, 2.3043,  
7.6071

# Harmonies

## Analogous

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



73.8940, 34.5623, 21.1410



54.0860, 23.6216, 77.1006



52.0170, 1.4706, 88.5621

# Triad

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



54.0860, 23.6216, 77.1006



67.3140, -33.1858, 4.1096



69.7360, 33.6542, -61.1585

# Complementary

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



54.0860, 23.6216, 77.1006



87.9140, -23.6216, -77.1006

# 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.



65.3070, 14.1456, -57.2742



54.0860, 23.6216, 77.1006



51.0690, -25.1770, -44.7875

# Square

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



54.0860, 23.6216, 77.1006



69.2950, -34.1624, 37.4523



58.4330, -7.1155, -51.2457



69.2920, 47.1840, -60.7691



# Rectangle

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



54.0860, 23.6216, 77.1006



56.6680, -16.1053, 79.2212



58.4330, -7.1155, -51.2457



68.8410, 27.6864, -60.3736

# Sweetspot

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



54.0860, 23.6216, 77.1006



149.8910, 8.9277, 29.9136



27.5500, 56.4239, 9.1647



71.4890, 5.1819, 17.9881



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



54.0860, 23.6216, 77.1006



70.0640, 30.5344, 99.9219



46.2200, -6.5175, 83.9991



66.6630, 1.1521, 3.8035



51.4230, 22.4695, 73.2970



2.9620, 1.0047, 4.4183



# Inverse Universe

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



54.0860, 23.6216, 77.1006



70.0640, 30.5344, 99.9219



95.7800, 6.5175, -83.9991



66.6630, 1.1521, 3.8035



51.4230, 22.4695, 73.2970



2.9620, 1.0047, 4.4183



# Previews

## White Background



This preview shows how the YUV color 54.0860, 23.6216, 77.1006 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

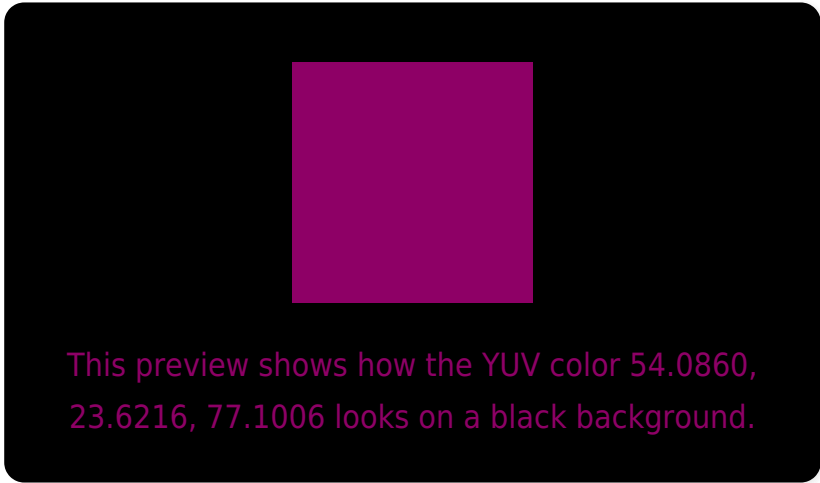
Any Text WCAG AA ✓ Pass

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

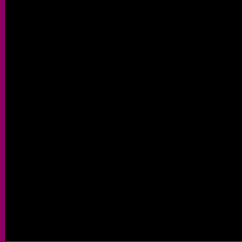
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 54.0860, 23.6216, 77.1006

## Background



This preview shows how black text looks on a background with the YUV color 54.0860, 23.6216, 77.1006.



This preview shows how white text looks on a background with the YUV color 54.0860, 23.6216,



# 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



### Protanopia

71.0310, 36.4667, -29.8452

### Deuteranopia

76.9810, 8.8834, -2.6143

### Tritanopia

69.5300, -13.5723, 60.0482

# Trichromacy



## Protanomaly

64.7200, 31.6900, 9.0156

## Deuteranomaly

68.9490, 14.3221, 26.3547

## Tritanomaly

63.5320, 0.2307, 66.1854

# Monochromacy



## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

53.7660, 8.4964, 28.2692

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.0860, 23.6216, 77.1006 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(142, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(142, 0, 102)  
}
```

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(142, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 0, 102) }
```

## Border

The CSS property to change the border of an element to YUV 54.0860, 23.6216, 77.1006 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(142, 0, 102) }
```

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

```
.border{ border-color:rgb(142, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(142, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(142, 0,  
102) }
```



# Background

The CSS property to change the background color of an element to YUV 54.0860, 23.6216, 77.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 0, 102) }
```

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

```
.background{ background-color: rgb(142, 0,  
102) }
```

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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