

Converting Colors

YUV(76.6510, 77.0801, 57.3111)

Have a look what the booklet for
YUV(76.6510, 77.0801, 57.3111)
contains.

YUV(76.6510, 77.0801, 57.3111)	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(76.6510, 77.0801,
57.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0DE9
RGB	142, 13, 233
RGB Percent	56%, 5%, 91%
CMY	0.4431, 0.9490, 0.0863
CMYK	0.39, 0.94, 0.00, 0.09
HSL	275°, 89%, 48%
HSV	275°, 94%, 91%
XYZ	26.0072, 11.9218, 78.0212
YIQ	76.6510, 6.2640, 95.7680

Conversions

Conversions Part 2

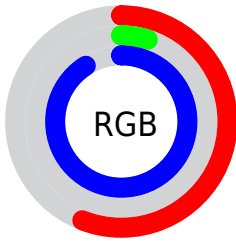
Format	Color
R _Y B	142, 13, 233
Decimal	9309673
CIE Lab	41.09, 78.52, -80.54
CIE LCh	41, 112.479, 314.274
Yxy	11.9218, 0.2243, 0.1028
Android (android.graphics.Color)	4287499753 (0xFF8E0DE9)
YUV	76.6510, 77.0801, 57.3111
Hunter-Lab	34.5280, 74.0261, -109.8051

Details

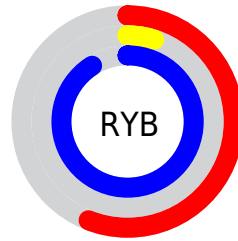
The YUV color **76.6510, 77.0801, 57.3111** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **169.3490, -77.0801, -57.3111**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8360, 56.2829, 54.5178**, and **43.6850, 65.2313, 30.9713** is the 20% darker color. If you saturate the color by 10%, you get **67.5250, 81.5792, 60.9296**, and if you desaturate by 10%, it is **93.1420, 68.9500, 51.6185**.

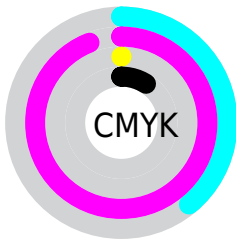
Distribution



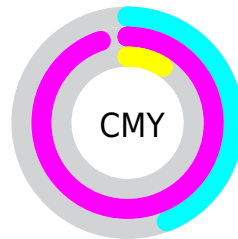
- Red (56%)
- Green (5%)
- Blue (91%)



- Red (56%)
- Yellow (5%)
- Blue (91%)



- Cyan (39%)
- Magenta (94%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (95%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6510, 77.0801, 57.3111 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 76.6510, 77.0801, 57.3111 by changing the saturation by 10% instead.

76.6510, 77.0801,
57.3111

76.6510, 77.0801,
57.3111

255.0000, 0.0000,
0.0000

56.4450, 72.7446,
47.8447

140.8360, 56.2829,
54.5178

43.6850, 65.2313,
30.9713

167.1280, 43.3209,
58.6467

29.7290, 58.3076,
11.6387

190.4300, 31.8330,
56.6279

13.7940, 52.8526,
-12.0973

206.8660, 23.7301,
42.2135

10.8300, 41.4958,
-9.4979

224.4760, 15.0483,
26.7695

12.6760, 28.2607,
-11.1169

241.4990, 6.6560,

7.7060, 19.3719,

11.8404

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 76.6510, 77.0801,
57.3111

■ 76.6510, 77.0801,
57.3111

■ 67.5250, 81.5792,
60.9296

■ 93.1420, 68.9500,
51.6185

■ 109.9210, 60.6779,
44.7963

■ 126.4120, 52.5479,
39.1037

■ 142.9030, 44.4178,
33.4111

■ 159.6820, 36.1458,
26.5889

■ 176.1730, 28.0157,
20.8963

■ 192.3650, 20.0331,
14.5889

■ 208.8560, 11.9030,
8.8963

■ 225.9340, 3.4835,
2.6889

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



76.6510, 77.0801, 57.3111



84.9730, 32.0583, 124.5577

Triad

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



76.6510, 77.0801, 57.3111



90.3810, -44.5578, 58.4249



91.2100, 24.5465, -79.9912

Complementary

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



76.6510, 77.0801, 57.3111



169.3490, -77.0801, -57.3111

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.



78.0490, -18.2652, -68.4490



76.6510, 77.0801, 57.3111



85.8320, -42.3152, -7.7457

Square

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



76.6510, 77.0801, 57.3111



63.9860, -31.5451, 131.5623



70.4400, -34.7269, -61.7759



102.3020, 61.9691, -89.7189

Rectangle

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



76.6510, 77.0801, 57.3111



82.8030, 3.0551, 140.4928



70.4400, -34.7269, -61.7759



86.9750, 10.8583, -76.2771

Sweetspot

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



76.6510, 77.0801, 57.3111



204.3530, 24.9690, 18.1074



92.0840, 69.4716, -69.3567



96.7900, 15.3865, 11.5852



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



76.6510, 77.0801, 57.3111



73.9200, 89.2724, 66.7222



101.8080, 55.8037, 115.0554



109.0480, 3.9203, 2.5889



52.3280, 63.4353, 47.0703



15.4250, 19.0175, 13.6593

Inverse Universe

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



89.1540, 7.3191, 126.1529



88.2150, 8.2750, 146.2704



144.1920, -55.8037, -115.0554



109.7450, 0.1257, 6.3626



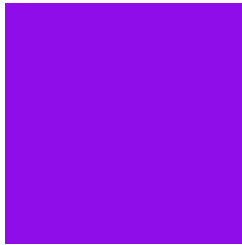
62.6690, 6.0792, 103.7763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 76.6510, 77.0801, 57.3111 looks on a white background.

Color Contrast Check

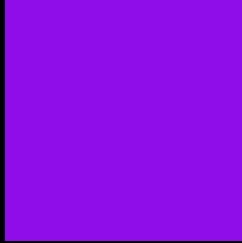
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6510, 77.0801, 57.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

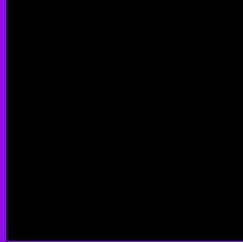
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6510, 77.0801, 57.3111

Background



This preview shows how black text looks on a background with the YUV color 76.6510, 77.0801, 57.3111.



This preview shows how white text looks on a background with the YUV color 76.6510, 77.0801,

57.3111.

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

76.6510, 77.0801, 57.3111

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.7810, 45.4640, -69.0909



Tritanopia

98.7890, 0.1040, 13.3400

Trichromacy



Original Color

76.6510, 77.0801, 57.3111

Protanomaly

77.7570, 65.6888, -22.5889

Deuteranomaly

78.1670, 57.1057, -22.9485

Tritanomaly

90.9290, 28.1360, 29.0033

Monochromacy



Original Color

76.6510, 77.0801, 57.3111

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1730, 28.0157, 20.8963

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6510, 77.0801, 57.3111 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, 13, 233)` looks like.

```
.text, #text, p{  
    color:rgb(142, 13, 233)  
}
```

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, 13, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 13, 233) }
```

Border

The CSS property to change the border of an element to YUV 76.6510, 77.0801, 57.3111 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, 13, 233) }
```


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

```
.border{ border-color:rgb(142, 13, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 13, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 13, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 13, 233);  
box-shadow:4px 4px 4px 4px rgb(142, 13,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 76.6510, 77.0801, 57.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 13, 233) }
```

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

```
.background{ background-color: rgb(142, 13,  
233) }
```

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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