

Converting Colors

YUV(81.5710, 14.5085, 60.0122)

Have a look what the booklet for
YUV(81.5710, 14.5085, 60.0122)
contains.

YUV(81.5710, 14.5085, 60.0122)	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(81.5710, 14.5085,
60.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	96296F
RGB	150, 41, 111
RGB Percent	59%, 16%, 44%
CMY	0.4118, 0.8392, 0.5647
CMYK	0.00, 0.73, 0.26, 0.41
HSL	321°, 57%, 37%
HSV	321°, 73%, 59%
XYZ	16.2399, 9.2176, 15.9622
YIQ	81.5710, 42.4940, 44.8780

Conversions

Conversions Part 2

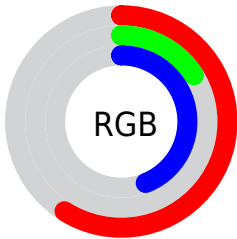
Format	Color
R_{YB}	150, 41, 111
Decimal	9841007
CIE _{Lab}	36.40, 51.59, -15.11
CIE _{LCh}	36, 53.756, 343.673
Yxy	9.2176, 0.3921, 0.2225
Android (android.graphics.Color)	4288031087 (0xFF96296F)
YUV	81.5710, 14.5085, 60.0122
Hunter-Lab	30.3605, 42.3489, -9.9196

Details

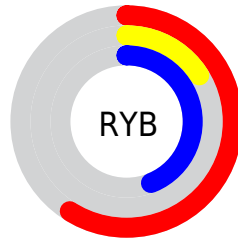
The YUV color **81.5710, 14.5085, 60.0122** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **109.4290, -14.5085, -60.0122**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8270, 12.9033, 61.5417**, and **35.5870, 13.5146, 52.1052** is the 20% darker color. If you saturate the color by 10%, you get **72.1960, 16.6654, 68.2341**, and if you desaturate by 10%, it is **90.9460, 12.3516, 51.7904**.

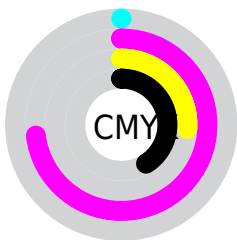
Distribution



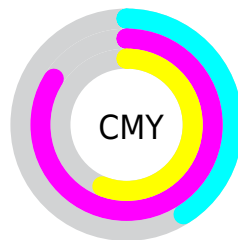
- Red (59%)
- Green (16%)
- Blue (44%)



- Red (59%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (73%)
- Yellow (26%)
- Black (41%)





- Cyan (41%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.5710, 14.5085, 60.0122 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 81.5710, 14.5085, 60.0122 by changing the saturation by 10% instead.


 81.5710, 14.5085,
60.0122

 81.5710, 14.5085,
60.0122

255.0000, 0.0000,
0.0000

 47.5700, 19.4390,
65.2751

 136.8270, 12.9033,
61.5417

 35.5870, 13.5146,
52.1052

 164.7240, 12.4611,
63.3861


 25.3050, 7.7376,
38.3205

 189.7340, 13.9351,
57.2383

 15.4360, 2.2501,
25.0506

 208.7750, 18.3519,
40.5393

 0.0000, 0.0000,
0.0000

 226.8240, 13.8908,
24.7104

 243.8470, 5.4984,

9.7812

■ 81.5710, 14.5085,
60.0122

■ 81.5710, 14.5085,
60.0122

■ 72.1960, 16.6654,
68.2341

■ 90.9460, 12.3516,
51.7904

■ 62.7070, 18.3854,
76.5560

■ 100.4350, 10.6315,
43.4685

■ 55.7940, 19.8216,
82.6187

■ 109.8100, 8.4747,
35.2466

■ 119.1850, 6.3178,
27.0248

■ 128.6740, 4.5977,
18.7029

■ 138.0490, 2.4408,
10.4810

■ 147.5380, 0.7208,
2.1592

■ 156.9130, -1.4361,
-6.0627

■ 166.2880, -3.5930,
-14.2846

Harmonies

Analogous

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



87.7430, 30.1997, 20.3964



81.5710, 14.5085, 60.0122



76.4360, -4.1589, 74.1626

Triad

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



81.5710, 14.5085, 60.0122



78.5440, -38.7222, 6.5389



76.9910, 33.5284, -67.5211

Complementary

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



81.5710, 14.5085, 60.0122



109.4290, -14.5085, -60.0122

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.



73.6050, 15.4777, -64.5516



81.5710, 14.5085, 60.0122



69.0490, -28.1252, -32.4920

Square

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



81.5710, 14.5085, 60.0122



80.8020, -39.8354, 37.0076



67.3010, -3.5994, -59.0230



76.2050, 45.7479, -66.8318

Rectangle

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



81.5710, 14.5085, 60.0122



78.7930, -19.1249, 67.7105



67.3010, -3.5994, -59.0230



76.2100, 27.9975, -66.8362

Sweetspot

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



81.5710, 14.5085, 60.0122



167.0490, 5.8918, 23.6360



64.7880, 42.0095, 12.4639



81.2990, 3.3036, 13.7698



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



81.5710, 14.5085, 60.0122



87.8430, 22.2624, 93.0997



75.4150, -9.0786, 65.4110



69.5490, 0.7153, 3.9035



51.2940, 18.0961, 76.0412



3.7880, 1.5835, 5.4479

Inverse Universe

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



81.5710, 14.5085, 60.0122



87.8430, 22.2624, 93.0997



115.5850, 9.0786, -65.4110



69.5490, 0.7153, 3.9035



51.2940, 18.0961, 76.0412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 81.5710, 14.5085, 60.0122 looks on a white background.

Color Contrast Check

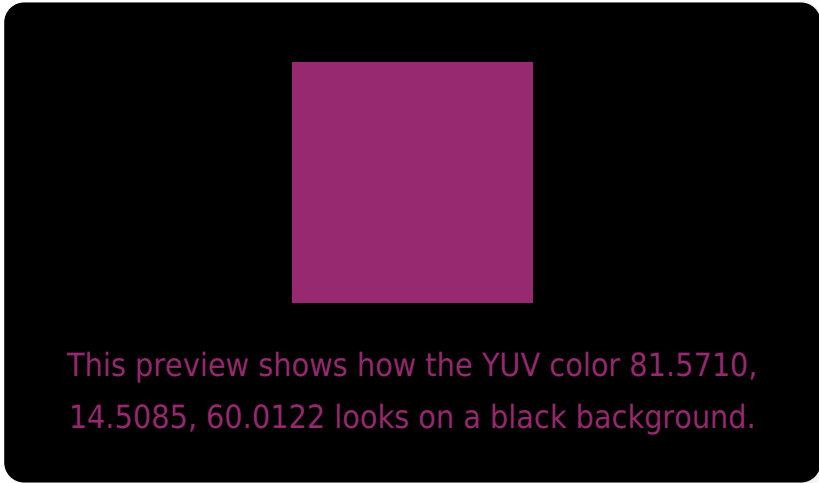
Large Text (above 18pt) WCAG AA ✓ Pass

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

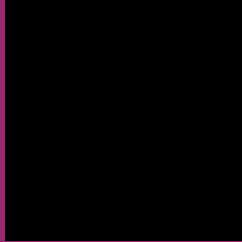
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5710, 14.5085, 60.0122

Background



This preview shows how black text looks on a background with the YUV color 81.5710, 14.5085, 60.0122.



This preview shows how white text looks on a background with the YUV color 81.5710, 14.5085,

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

81.5710, 14.5085, 60.0122

Protanopia

85.1480, 29.0140, -19.4238

Deuteranopia

87.5790, 8.5886, -1.3848



Tritanopia

83.3660, -11.5194, 54.9300

Trichromacy



Original Color

81.5710, 14.5085, 60.0122

Protanomaly

83.9560, 23.6857, 9.6856

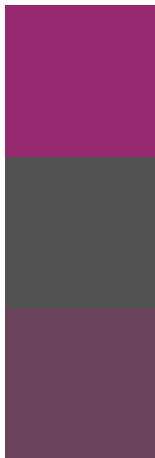
Deuteranomaly

85.2920, 10.7020, 20.7919

Tritanomaly

82.8960, -1.9207, 56.2192

Monochromacy



Original Color

81.5710, 14.5085, 60.0122

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9240, 5.4605, 21.9917

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5710, 14.5085, 60.0122 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(150, 41, 111)` looks like.

```
.text, #text, p{  
    color:rgb(150, 41, 111)  
}
```

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(150, 41, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 41, 111) }
```

Border

The CSS property to change the border of an element to YUV 81.5710, 14.5085, 60.0122 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(150, 41, 111) }
```


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

```
.border{ border-color:rgb(150, 41, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 41, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 41, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 41, 111);  
box-shadow:4px 4px 4px 4px rgb(150, 41,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 81.5710, 14.5085, 60.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 41, 111) }
```

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

```
.background{ background-color: rgb(150, 41,  
111) }
```

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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