

Converting Colors

YUV(61.8510, 43.4575, 61.5207)

Have a look what the booklet for
YUV(61.8510, 43.4575, 61.5207)
contains.

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Color

**YUV(61.8510, 43.4575,
61.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	840996
RGB	132, 9, 150
RGB Percent	52%, 4%, 59%
CMY	0.4824, 0.9647, 0.4118
CMYK	0.12, 0.94, 0.00, 0.41
HSL	292°, 89%, 31%
HSV	292°, 94%, 59%
XYZ	15.1184, 7.3029, 29.4669
YIQ	61.8510, 28.0470, 69.9270

Conversions

Conversions Part 2

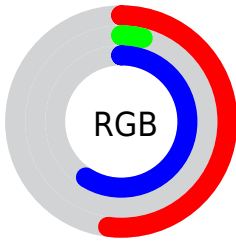
Format	Color
R_{YB}	132, 9, 150
Decimal	8653206
CIE _{Lab}	32.49, 61.92, -45.77
CIE _{LCh}	32, 76.996, 323.528
Yxy	7.3029, 0.2914, 0.1407
Android (android.graphics.Color)	4286843286 (0xFF840996)
YUV	61.8510, 43.4575, 61.5207
Hunter-Lab	27.0239, 52.5693, -45.7332

Details

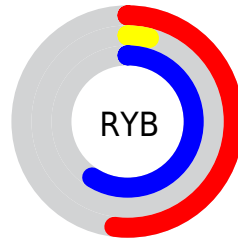
The YUV color **61.8510, 43.4575, 61.5207** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **97.1490, -43.4575, -61.5207**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6670, 39.1112, 55.5430**, and **34.1950, 31.4559, 37.5400** is the 20% darker color. If you saturate the color by 10%, you get **56.2690, 46.2094, 65.5391**, and if you desaturate by 10%, it is **71.2540, 38.8218, 55.0282**.

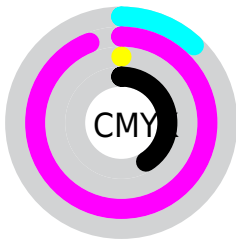
Distribution



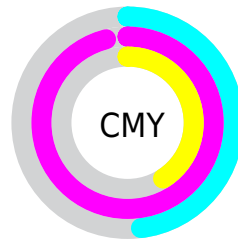
- Red (52%)
- Green (4%)
- Blue (59%)



- Red (52%)
- Yellow (4%)
- Blue (59%)



- Cyan (12%)
- Magenta (94%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (96%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8510, 43.4575, 61.5207 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 61.8510, 43.4575, 61.5207 by changing the saturation by 10% instead.

61.8510, 43.4575,
61.5207

61.8510, 43.4575,
61.5207

255.0000, 0.0000,
0.0000

45.2320, 38.8326,
51.5395

125.6670, 39.1112,
55.5430

34.1950, 31.4559,
37.5400

153.3790, 39.2532,
56.6726

23.9840, 24.6579,
24.5700

181.2930, 36.3376,
58.5020

12.5770, 18.4495,
9.1410

199.8220, 27.2028,
48.3911

3.7790, 11.9410,
-3.3142

216.2580, 19.0998,
33.9767

0.0000, 0.0000,
0.0000

233.2810, 10.7075,

19.0476

250.8910, 2.0257,
3.6036

61.8510, 43.4575,
61.5207

61.8510, 43.4575,
61.5207

56.2690, 46.2094,
65.5391

71.2540, 38.8218,
55.0282

80.6570, 34.1861,
48.5358

90.0600, 29.5504,
42.0434

99.4630, 24.9147,
35.5509

108.8660, 20.2791,
29.0585

■ 117.9700, 15.7908,
21.9513

■ 127.3730, 11.1551,
15.4589

■ 136.7760, 6.5194,
8.9664

■ 146.1790, 1.8838,
2.4740

Harmonies

Analogous

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



61.1030, 64.0392, -53.5873



61.8510, 43.4575, 61.5207



61.6170, 14.9788, 95.9289

Triad

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



61.8510, 43.4575, 61.5207



72.4850, -35.7351, 28.5157



72.2490, 25.5132, -63.3624

Complementary

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



61.8510, 43.4575, 61.5207



97.1490, -43.4575, -61.5207

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.



64.4800, -1.7156, -56.5490



61.8510, 43.4575, 61.5207



64.8230, -31.9577, -16.5078

Square

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



61.8510, 43.4575, 61.5207



63.6230, -31.3661, 73.9986



55.7650, -27.4921, -48.9059



77.4760, 48.0793, -67.9465

Rectangle

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



61.8510, 43.4575, 61.5207



58.6660, -2.7933, 102.9019



55.7650, -27.4921, -48.9059



69.9690, 16.7773, -61.3628

Sweetspot

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



61.8510, 43.4575, 61.5207



160.2090, 16.6590, 23.4957



36.2270, 56.0901, -23.8781



76.4330, 10.1395, 14.5293



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.



61.8510, 43.4575, 61.5207



72.6470, 59.8270, 84.5016



61.3050, 18.0906, 77.7855



69.5920, 2.1731, 2.9888



51.6120, 42.5893, 59.9763



3.8310, 3.0413, 4.5332

Inverse Universe

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



53.2110, -12.9220, 84.8840



60.8560, -17.6770, 116.7673



97.6950, -18.0906, -77.7855



69.0930, -1.0318, 4.3034



43.3140, -12.4798, 83.0396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 61.8510, 43.4575, 61.5207 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

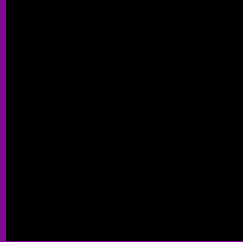
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8510, 43.4575, 61.5207

Background



This preview shows how black text looks on a background with the YUV color 61.8510, 43.4575, 61.5207.



This preview shows how white text looks on a background with the YUV color 61.8510, 43.4575,

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

61.8510, 43.4575, 61.5207

Protanopia

62.8520, 47.8940, -55.1212

Deuteranopia

67.2200, 36.3735, -46.6739



Tritanopia

77.9940, -7.3920, 37.7163

Trichromacy



Original Color

61.8510, 43.4575, 61.5207



Protanomaly

62.6600, 46.0166, -12.8568



Deuteranomaly

65.1570, 38.8696, -7.1537



Tritanomaly

72.2720, 11.2049, 46.2425

Monochromacy



Original Color

61.8510, 43.4575, 61.5207



Achromatopsia

62.0000, 0.0000, 0.0000



Achromatomaly

61.9700, 15.7908, 21.9513

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8510, 43.4575, 61.5207 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(132, 9, 150)` looks like.

```
.text, #text, p{  
    color:rgb(132, 9, 150)  
}
```

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(132, 9, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 9, 150) }
```

Border

The CSS property to change the border of an element to YUV 61.8510, 43.4575, 61.5207 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(132, 9, 150) }
```


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

```
.border{ border-color:rgb(132, 9, 150) }
```

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

Here you see how a box with a 4 pixel rgb(132, 9, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 9, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 9, 150);  
box-shadow:4px 4px 4px 4px rgb(132, 9,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 61.8510, 43.4575, 61.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 9, 150) }
```

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

```
.background{ background-color: rgb(132, 9,  
150) }
```

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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