

Converting Colors

YUV(76.5410, 43.6103, 59.1615)

Have a look what the booklet for
YUV(76.5410, 43.6103, 59.1615)
contains.

YUV(76.5410, 43.6103, 59.1615)	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(76.5410, 43.6103,
59.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	9019A5
RGB	144, 25, 165
RGB Percent	56%, 10%, 65%
CMY	0.4353, 0.9020, 0.3529
CMYK	0.13, 0.85, 0.00, 0.35
HSL	291°, 74%, 37%
HSV	291°, 85%, 65%
XYZ	18.6408, 9.3412, 36.4179
YIQ	76.5410, 25.9840, 68.7680

Conversions

Conversions Part 2

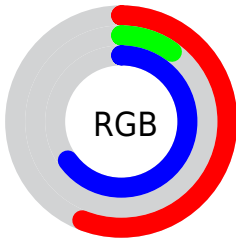
Format	Color
R_{YB}	144, 25, 165
Decimal	9443749
CIE _{Lab}	36.63, 63.63, -48.08
CIE _{LCh}	37, 79.756, 322.924
Y _{xy}	9.3412, 0.2895, 0.1450
Android (android.graphics.Color)	4287633829 (0xFF9019A5)
Y _{UV}	76.5410, 43.6103, 59.1615
Hunter-Lab	30.5633, 55.3825, -49.2529

Details

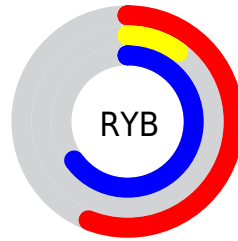
The YUV color **76.5410, 43.6103, 59.1615** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **113.4590, -43.6103, -59.1615**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3620, 41.7265, 56.6875**, and **39.3790, 35.8022, 43.5176** is the 20% darker color. If you saturate the color by 10%, you get **65.9640, 48.8247, 66.6836**, and if you desaturate by 10%, it is **87.1180, 38.3958, 51.6395**.

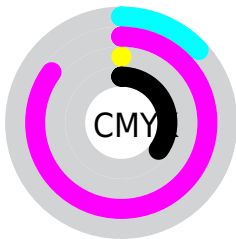
Distribution



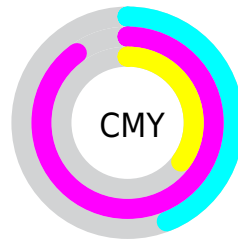
- Red (56%)
- Green (10%)
- Blue (65%)



- Red (56%)
- Yellow (10%)
- Blue (65%)



- Cyan (13%)
- Magenta (85%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (90%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5410, 43.6103, 59.1615 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 76.5410, 43.6103, 59.1615 by changing the saturation by 10% instead.

76.5410, 43.6103,
59.1615

76.5410, 43.6103,
59.1615

255.0000, 0.0000,
0.0000

50.4160, 43.1789,
57.5172

136.3620, 41.7265,
56.6875

39.3790, 35.8022,
43.5176

165.0740, 41.8685,
57.8171

28.1570, 29.0096,
28.8033

189.2560, 32.4118,
57.6575

17.9460, 22.2116,
15.8334

205.6920, 24.3088,
43.2431

4.5600, 17.4719,
-3.9991

222.7150, 15.9165,
28.3139

2.5250, 7.1362,
-2.2144

239.7380, 7.5242,

0.0000, 0.0000,

13.3848

0.0000

■ 76.5410, 43.6103,
59.1615

■ 76.5410, 43.6103,
59.1615

■ 65.9640, 48.8247,
66.6836

■ 87.1180, 38.3958,
51.6395

■ 60.6700, 51.4347,
69.5724

■ 97.4070, 33.3233,
45.2471

■ 107.3970, 28.3983,
38.2398

■ 118.2730, 23.0364,
31.3326

■ 128.8500, 17.8220,
23.8106

■ 139.1390, 12.7495,
17.4181

■ 149.1290, 7.8244,
10.4109

■ 160.0050, 2.4625,
3.5036

■ 169.9950, -2.4625,
-3.5036

Harmonies

Analogous

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



68.7970, 68.1341, -60.3350



76.5410, 43.6103, 59.1615



67.4700, 18.0093, 103.9508

Triad

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



76.5410, 43.6103, 59.1615



81.9540, -40.4033, 32.4893



80.5470, 26.8453, -70.6397

Complementary

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



76.5410, 43.6103, 59.1615



113.4590, -43.6103, -59.1615

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.



72.3220, -2.1307, -63.4264



76.5410, 43.6103, 59.1615



73.9820, -36.4731, -14.8932

Square

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



76.5410, 43.6103, 59.1615



72.8040, -35.8924, 79.1019



62.2220, -30.6754, -54.5687



85.6430, 51.4480, -75.1089

Rectangle

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



76.5410, 43.6103, 59.1615



64.4760, -1.2207, 111.8385



62.2220, -30.6754, -54.5687



78.0390, 17.2358, -68.4402

Sweetspot

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



76.5410, 43.6103, 59.1615



180.4970, 16.5170, 22.3661



53.2870, 55.0745, -24.8077



86.7210, 9.9975, 13.3997



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



76.5410, 43.6103, 59.1615



78.8140, 66.6467, 90.4941



77.2340, 19.1116, 76.9708



76.1190, 2.8993, 3.4036



53.6060, 45.0572, 61.7355



6.5370, 5.6513, 7.4221

Inverse Universe

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



69.2540, -11.4642, 83.9692



67.6340, -17.5676, 128.3630



112.7660, -19.1116, -76.9708



75.9190, -0.4531, 5.3330



45.8630, -11.7645, 86.9431



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 76.5410, 43.6103, 59.1615 looks on a white background.

Color Contrast Check

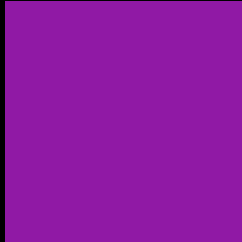
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 76.5410, 43.6103, 59.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

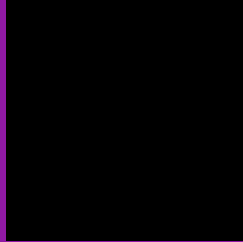
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5410, 43.6103, 59.1615

Background



This preview shows how black text looks on a background with the YUV color 76.5410, 43.6103, 59.1615.



This preview shows how white text looks on a background with the YUV color 76.5410, 43.6103,

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

76.5410, 43.6103, 59.1615

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

76.9040, 38.9943, -47.2738



Tritanopia

87.5920, -7.6869, 38.9458

Trichromacy



Original Color

76.5410, 43.6103, 59.1615

Protanomaly

72.3650, 50.1061, -17.8601

Deuteranomaly

76.9010, 40.4748, -8.6832

Tritanomaly

83.2720, 11.2049, 46.2425

Monochromacy



Original Color

76.5410, 43.6103, 59.1615

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6710, 15.9382, 21.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5410, 43.6103, 59.1615 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(144, 25, 165)` looks like.

```
.text, #text, p{  
    color:rgb(144, 25, 165)  
}
```

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(144, 25, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 25, 165) }
```

Border

The CSS property to change the border of an element to YUV 76.5410, 43.6103, 59.1615 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(144, 25, 165) }
```


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

```
.border{ border-color:rgb(144, 25, 165) }
```

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

Here you see how a box with a 4 pixel rgb(144, 25, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 25, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 25, 165);  
box-shadow:4px 4px 4px 4px rgb(144, 25,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 76.5410, 43.6103, 59.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 25, 165) }
```

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

```
.background{ background-color: rgb(144, 25,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor