

Converting Colors

YUV(123.4540, 18.5102,
36.4358)

Have a look what the booklet for
YUV(123.4540, 18.5102, 36.4358)
contains.

YUV(123.4540, 18.5102, 36.4358)	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(123.4540, 18.5102,
36.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	A55FA1
RGB	165, 95, 161
RGB Percent	65%, 37%, 63%
CMY	0.3529, 0.6275, 0.3686
CMYK	0.00, 0.42, 0.02, 0.35
HSL	303°, 28%, 51%
HSV	303°, 42%, 65%
XYZ	26.0423, 18.7570, 35.9661
YIQ	123.4540, 20.5340, 35.3660

Conversions

Conversions Part 2

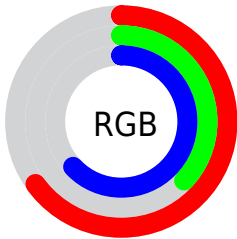
Format	Color
R_{YB}	165, 95, 161
Decimal	10837921
CIE _{Lab}	50.40, 38.54, -23.77
CIE _{LCh}	50, 45.277, 328.336
Yxy	18.7570, 0.3224, 0.2322
Android (android.graphics.Color)	4289028001 (0xFFA55FA1)
YUV	123.4540, 18.5102, 36.4358
Hunter-Lab	43.3093, 31.5424, -18.9207

Details

The YUV color **123.4540, 18.5102, 36.4358** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.5460, -18.5102, -36.4358**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9920, 19.2309, 38.5950**, and **72.0300, 18.2262, 34.1767** is the 20% darker color. If you saturate the color by 10%, you get **113.9480, 22.7036, 44.7726**, and if you desaturate by 10%, it is **132.9600, 14.3167, 28.0991**.

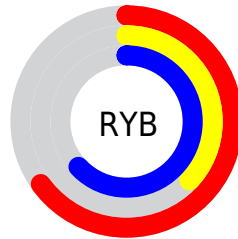
Distribution



Red (65%)

Green (37%)

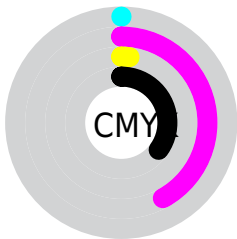
Blue (63%)



Red (65%)

Yellow (37%)

Blue (63%)

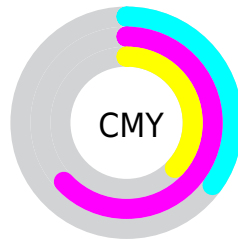


Cyan (0%)

Magenta (42%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4540, 18.5102, 36.4358 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 123.4540, 18.5102, 36.4358 by changing the saturation by 10% instead.

123.4540, 18.5102,
36.4358

123.4540, 18.5102,
36.4358

255.0000, 0.0000,
0.0000

97.7420, 18.3682,
35.3063

176.9920, 19.2309,
38.5950

72.0300, 18.2262,
34.1767

204.8180, 19.8097,
39.6246

46.5570, 18.9524,
34.5915

223.8890, 15.3377,
27.2843

25.1930, 17.6529,
31.4027

240.9120, 6.9454,
12.3552

16.7050, 10.9914,
21.3067

2.4110, 6.6994,
-2.1144

0.0000, 0.0000,

0.0000

123.4540, 18.5102,
36.4358

123.4540, 18.5102,
36.4358

113.9480, 22.7036,
44.7726

132.9600, 14.3167,
28.0991

103.8550, 27.1865,
53.6242

143.0530, 9.8339,
19.2475

93.7620, 31.6693,
62.4757

152.5590, 5.6404,
10.9108

84.2560, 35.8628,
70.8125

162.6520, 1.1576,
2.0592

74.7500, 40.0562,
79.1492

172.1580, -3.0359,
-6.2776

67.1190, 43.8183,
85.8416

182.2510, -7.5187,
-15.1291

■ 192.3440,
-12.0016, -23.9807

■ 201.8500,
-16.1950, -32.3174

■ 211.2420,
-20.8253, -40.5542

Harmonies

Analogous

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



121.8710, 32.6016, -3.3949



123.4540, 18.5102, 36.4358



120.8300, 1.5628, 58.9081

Triad

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



123.4540, 18.5102, 36.4358



115.7680, -38.3396, 23.8825



98.6760, 27.7677, -86.5389

Complementary

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



123.4540, 18.5102, 36.4358



136.5460, -18.5102, -36.4358

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.



94.8170, 10.4432, -83.1545



123.4540, 18.5102, 36.4358



112.0030, -31.5535, -6.1416

Square

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



123.4540, 18.5102, 36.4358



118.3440, -31.7216, 47.9333



103.9840, -12.8101, -44.7130



99.7480, 42.0292, -87.4790

Rectangle

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



123.4540, 18.5102, 36.4358



119.3500, -10.5255, 62.8371



103.9840, -12.8101, -44.7130



97.8950, 22.2368, -85.8539

Sweetspot

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



123.4540, 18.5102, 36.4358



197.4500, 7.6662, 14.5144



104.1760, 29.9862, -4.5394



96.9070, 4.4828, 8.8516



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.



123.4540, 18.5102, 36.4358



149.3330, 28.9228, 56.7130



119.4640, 3.2222, 39.9351



76.6030, 2.1677, 4.7332



58.9730, 38.4673, 75.4457



7.3200, 4.7722, 9.3664

Inverse Universe

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



123.4540, 18.5102, 36.4358



149.3330, 28.9228, 56.7130



140.4220, -3.6590, -39.8351



76.6030, 2.1677, 4.7332



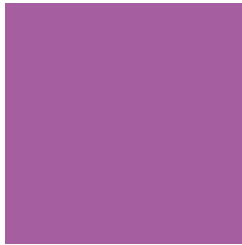
58.9730, 38.4673, 75.4457



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 123.4540, 18.5102, 36.4358 looks on a white 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

Black Background



This preview shows how the YUV color 123.4540, 18.5102, 36.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

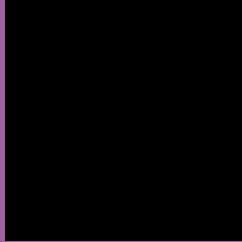
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.4540, 18.5102, 36.4358

Background



This preview shows how black text looks on a background with the YUV color 123.4540, 18.5102, 36.4358.



This preview shows how white text looks on a background with the YUV color 123.4540, 18.5102,

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

123.4540, 18.5102, 36.4358

Protanopia

119.5720, 29.2980, -17.1646

Deuteranopia

120.6520, 17.9196, -7.5878



Tritanopia

122.0580, -4.4656, 32.3981

Trichromacy



Original Color

123.4540, 18.5102, 36.4358

Protanomaly

121.2540, 25.0178, 2.4082

Deuteranomaly

121.7510, 17.8708, 8.1114

Tritanomaly

122.2460, 3.8227, 33.9873

Monochromacy



Original Color

123.4540, 18.5102, 36.4358

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2110, 6.7980, 12.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4540, 18.5102, 36.4358 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(165, 95, 161)` looks like.

```
.text, #text, p{  
    color:rgb(165, 95, 161)  
}
```

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(165, 95, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 95, 161) }
```

Border

The CSS property to change the border of an element to YUV 123.4540, 18.5102, 36.4358 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(165, 95, 161) }
```


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

```
.border{ border-color:rgb(165, 95, 161) }
```

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

Here you see how a box with a 4 pixel rgb(165, 95, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 95, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 95, 161);  
box-shadow:4px 4px 4px 4px rgb(165, 95,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 123.4540, 18.5102, 36.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 95, 161) }
```

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

```
.background{ background-color: rgb(165, 95,  
161) }
```

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