

Converting Colors

YUV(109.0890, 18.6901,
25.3549)

Have a look what the booklet for
YUV(109.0890, 18.6901, 25.3549)
contains.

YUV(109.0890, 18.6901, 25.3549)	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(109.0890, 18.6901,
25.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5793
RGB	138, 87, 147
RGB Percent	54%, 34%, 58%
CMY	0.4588, 0.6588, 0.4235
CMYK	0.06, 0.41, 0.00, 0.42
HSL	291°, 26%, 46%
HSV	291°, 41%, 58%
XYZ	19.1559, 14.3262, 29.3594
YIQ	109.0890, 11.1360, 29.4720

Conversions

Conversions Part 2

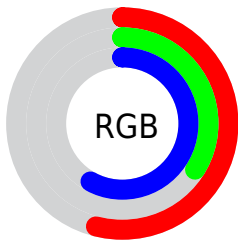
Format	Color
R _{YB}	138, 87, 147
Decimal	9066387
CIE _{Lab}	44.70, 31.52, -24.56
CIE _{LCh}	45, 39.962, 322.081
Yxy	14.3262, 0.3048, 0.2280
Android (android.graphics.Color)	4287256467 (0xFF8A5793)
YUV	109.0890, 18.6901, 25.3549
Hunter-Lab	37.8500, 24.1012, -19.4948

Details

The YUV color **109.0890, 18.6901, 25.3549** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.9110, -18.6901, -25.3549**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3280, 19.5583, 26.8993**, and **59.8500, 17.8220, 23.8106** is the 20% darker color. If you saturate the color by 10%, you get **99.6860, 23.3258, 31.8474**, and if you desaturate by 10%, it is **118.4920, 14.0544, 18.8625**.

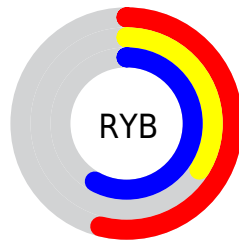
Distribution



Red (54%)

Green (34%)

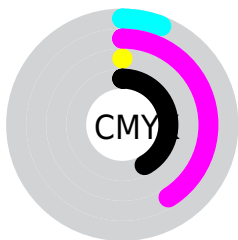
Blue (58%)



Red (54%)

Yellow (34%)

Blue (58%)

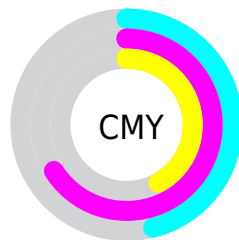


Cyan (6%)

Magenta (41%)

Yellow (0%)

Black (42%)



Cyan (46%)

Magenta (66%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0890, 18.6901, 25.3549 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 109.0890, 18.6901, 25.3549 by changing the saturation by 10% instead.

109.0890, 18.6901,
25.3549

109.0890, 18.6901,
25.3549

255.0000, 0.0000,
0.0000

84.2630, 18.1113,
24.3253

161.3280, 19.5583,
26.8993

59.8500, 17.8220,
23.8106

189.0400, 19.7003,
28.0289

36.1380, 17.6800,
22.6810

216.5240, 18.9687,
29.3585

17.2470, 15.6542,
19.0774

234.4550, 10.1287,
18.0180

4.6870, 11.4933,
0.2745

251.4780, 1.7363,
3.0888

0.0000, 0.0000,
0.0000

109.0890, 18.6901,
25.3549

109.0890, 18.6901,
25.3549

99.6860, 23.3258,
31.8474

118.4920, 14.0544,
18.8625

90.8700, 27.6721,
37.8250

127.3080, 9.7082,
12.8849

81.1680, 32.4552,
43.7027

137.0100, 4.9251,
7.0072

71.7650, 37.0909,
50.1951

146.4130, 0.2894,
0.5148

62.9490, 41.4371,
56.1727

155.8160, -4.3463,
-5.9776


54.1330, 45.7834,
62.1504

164.6320, -8.6926,
-11.9553

174.0350,
-13.3283, -18.4477

183.7370,

-18.1113, -24.3253

 192.5530,
-22.4576, -30.3030

Harmonies

Analogous

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



106.1320, 30.0079, -11.5168



109.0890, 18.6901, 25.3549



106.8610, 4.5055, 48.3569

Triad

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



109.0890, 18.6901, 25.3549



102.9730, -32.5247, 25.4567



86.4340, 21.4780, -75.8026

Complementary

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



109.0890, 18.6901, 25.3549



124.9110, -18.6901, -25.3549

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.



82.4440, 6.1901, -72.3034



109.0890, 18.6901, 25.3549



99.6170, -29.3912, 0.3359

Square

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



109.0890, 18.6901, 25.3549



104.4560, -24.8748, 45.2041



94.3880, -15.4743, -30.1583



87.8650, 34.5766, -77.0576

Rectangle

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



109.0890, 18.6901, 25.3549



106.1470, -5.9885, 54.2451



94.3880, -15.4743, -30.1583



85.1800, 16.6733, -74.7029

Sweetspot

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



109.0890, 18.6901, 25.3549



176.6020, 7.0982, 9.9960



99.1230, 23.6034, -10.6319



88.1840, 4.3463, 5.9776



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.



109.0890, 18.6901, 25.3549



132.2230, 28.9771, 39.2694



109.3860, 8.1907, 32.9875



69.5920, 2.1731, 2.9888



50.7150, 43.0315, 58.1319



3.8310, 3.0413, 4.5332

Inverse Universe

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



105.9660, -4.9132, 35.9868



127.4030, -7.5937, 55.7746



124.6140, -8.1907, -32.9875



69.2070, -0.5951, 4.2035



43.6560, -11.1694, 82.7397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 109.0890, 18.6901, 25.3549 looks on a white background.

Color Contrast Check

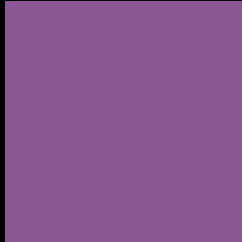
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.0890, 18.6901, 25.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

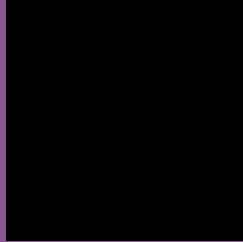
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.0890, 18.6901, 25.3549

Background



This preview shows how black text looks on a background with the YUV color 109.0890, 18.6901, 25.3549.



This preview shows how white text looks on a background with the YUV color 109.0890, 18.6901,

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

109.0890, 18.6901, 25.3549

Protanopia

105.1160, 27.5508, -16.7647

Deuteranopia

106.4560, 18.5092, -10.0469



Tritanopia

107.6760, -1.8123, 21.3321

Trichromacy



Original Color

109.0890, 18.6901, 25.3549

Protanomaly

106.7050, 24.3024, -1.4953

Deuteranomaly

107.2450, 18.6132, 3.2931

Tritanomaly

108.3370, 5.7499, 22.5065

Monochromacy



Original Color

109.0890, 18.6901, 25.3549

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1890, 6.8088, 9.4812

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0890, 18.6901, 25.3549 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(138, 87, 147)` looks like.

```
.text, #text, p{  
    color:rgb(138, 87, 147)  
}
```

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(138, 87, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 87, 147) }
```

Border

The CSS property to change the border of an element to YUV 109.0890, 18.6901, 25.3549 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(138, 87, 147) }
```


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

```
.border{ border-color:rgb(138, 87, 147) }
```

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

Here you see how a box with a 4 pixel rgb(138, 87, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 87, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 87, 147);  
box-shadow:4px 4px 4px 4px rgb(138, 87,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 109.0890, 18.6901, 25.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 87, 147) }
```

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

```
.background{ background-color: rgb(138, 87,  
147) }
```

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