

Converting Colors

YUV(108.0740, 18.2045,
41.1541)

Have a look what the booklet for
YUV(108.0740, 18.2045, 41.1541)
contains.

YUV(108.0740, 18.2045, 41.1541)	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(108.0740, 18.2045,
41.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4D91
RGB	155, 77, 145
RGB Percent	61%, 30%, 57%
CMY	0.3922, 0.6980, 0.4314
CMYK	0.00, 0.50, 0.06, 0.39
HSL	308°, 34%, 45%
HSV	308°, 50%, 61%
XYZ	21.2823, 14.3207, 28.4305
YIQ	108.0740, 24.6600, 37.6840

Conversions

Conversions Part 2

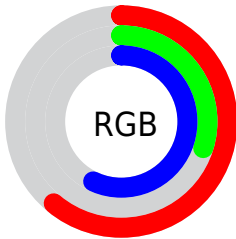
Format	Color
R_{YB}	155, 77, 145
Decimal	10177937
CIE _{Lab}	44.69, 42.03, -23.19
CIE _{LCh}	45, 48.004, 331.106
Yxy	14.3207, 0.3324, 0.2236
Android (android.graphics.Color)	4288368017 (0xFF9B4D91)
YUV	108.0740, 18.2045, 41.1541
Hunter-Lab	37.8426, 34.1618, -18.0537

Details

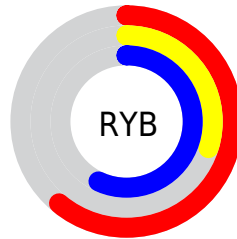
The YUV color **108.0740, 18.2045, 41.1541** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.9260, -18.2045, -41.1541**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4980, 18.4885, 43.4133**, and **55.8890, 18.7887, 40.4393** is the 20% darker color. If you saturate the color by 10%, you get **99.0410, 21.6718, 49.0760**, and if you desaturate by 10%, it is **117.6940, 14.4479, 32.7174**.

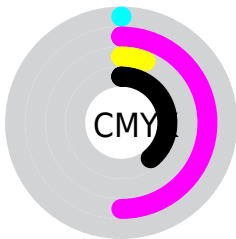
Distribution



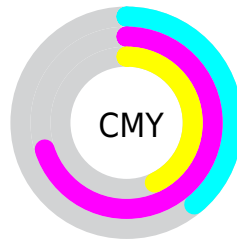
- Red (61%)
- Green (30%)
- Blue (57%)



- Red (61%)
- Yellow (30%)
- Blue (57%)



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (39%)





- Cyan (39%)
- Magenta (70%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0740, 18.2045, 41.1541 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 108.0740, 18.2045, 41.1541 by changing the saturation by 10% instead.


 108.0740, 18.2045,
41.1541


 108.0740, 18.2045,
41.1541


255.0000, 0.0000,
0.0000


 82.3620, 18.0625,
40.0245


 161.4980, 18.4885,
43.4133


 55.8890, 18.7887,
40.4393

 189.2100, 18.6305,
44.5428


 30.7040, 19.3729,
39.7246

 212.7360, 20.8362,
37.0655

 21.0200, 13.3011,
27.1695

 229.1720, 12.7332,
22.6512

 10.7380, 7.5242,
13.3848

 246.1950, 4.3409,
7.7220

 0.0000, 0.0000,
0.0000

■ 108.0740, 18.2045,
41.1541

■ 108.0740, 18.2045,
41.1541

■ 99.0410, 21.6718,
49.0760

■ 117.6940, 14.4479,
32.7174

■ 89.4210, 25.4284,
57.5128

■ 126.7270, 10.9806,
24.7954

■ 80.3880, 28.8957,
65.4347

■ 135.7600, 7.5133,
16.8735

■ 70.7680, 32.6524,
73.8715

■ 145.3800, 3.7567,
8.4367

■ 61.7350, 36.1196,
81.7934


■ 155.0000, 0.0000,
0.0000

■ 164.0330, -3.4673,
-7.9219

■ 173.6530, -7.2239,
-16.3587

■ 182.6860,

-10.6912, -24.2806

 191.7190,
-14.1585, -32.2026

Harmonies

Analogous

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



107.4200, 33.3169, 0.5087



108.0740, 18.2045, 41.1541



104.0370, 0.9678, 63.1116

Triad

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



108.0740, 18.2045, 41.1541



100.0190, -42.4074, 21.9083



89.4320, 27.8880, -78.4319

Complementary

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



108.0740, 18.2045, 41.1541



123.9260, -18.2045, -41.1541

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.



85.4590, 10.1267, -74.9475



108.0740, 18.2045, 41.1541



96.0410, -32.5582, -10.5600

Square

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



108.0740, 18.2045, 41.1541



102.7630, -33.9002, 46.6888



82.9110, -8.8301, -61.3119



90.3900, 41.7127, -79.2720

Rectangle

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



108.0740, 18.2045, 41.1541



103.3180, -11.9888, 65.4961



82.9110, -8.8301, -61.3119



88.5370, 21.9203, -77.6469

Sweetspot

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



108.0740, 18.2045, 41.1541



183.0480, 7.3713, 15.7439



88.5830, 32.7436, -2.2653



91.2060, 4.3354, 9.4663



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



108.0740, 18.2045, 41.1541



128.8500, 28.1750, 63.2756



103.7420, 1.6062, 44.9533



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Inverse Universe

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



108.0740, 18.2045, 41.1541



128.8500, 28.1750, 63.2756



128.2580, -1.6062, -44.9533



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 108.0740, 18.2045, 41.1541 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 108.0740, 18.2045, 41.1541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

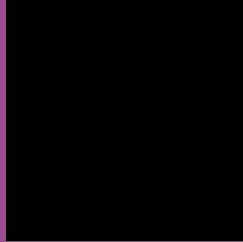
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.0740, 18.2045, 41.1541

Background



This preview shows how black text looks on a background with the YUV color 108.0740, 18.2045, 41.1541.



This preview shows how white text looks on a background with the YUV color 108.0740, 18.2045,

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

108.0740, 18.2045, 41.1541

Protanopia

104.9030, 30.6138, -19.2089

Deuteranopia

106.8970, 16.3198, -7.8027



Tritanopia

107.6240, -6.2236, 36.2868

Trichromacy



Original Color

108.0740, 18.2045, 41.1541

Protanomaly

105.8950, 26.1808, 2.7231

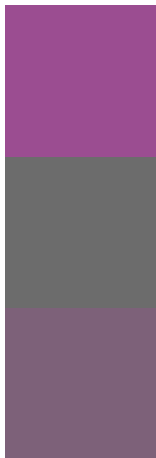
Deuteranomaly

107.5340, 16.9917, 10.0557

Tritanomaly

107.9260, 2.5015, 37.7759

Monochromacy



Original Color

108.0740, 18.2045, 41.1541

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1080, 6.3558, 14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0740, 18.2045, 41.1541 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(155, 77, 145)` looks like.

```
.text, #text, p{  
    color:rgb(155, 77, 145)  
}
```

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(155, 77, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 77, 145) }
```

Border

The CSS property to change the border of an element to YUV 108.0740, 18.2045, 41.1541 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(155, 77, 145) }
```


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

```
.border{ border-color:rgb(155, 77, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 77, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 77, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 77, 145);  
box-shadow:4px 4px 4px 4px rgb(155, 77,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 108.0740, 18.2045, 41.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 77, 145) }
```

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

```
.background{ background-color: rgb(155, 77,  
145) }
```

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