

Converting Colors

YUV(108.3120, 33.8632,
12.0044)

Have a look what the booklet for
YUV(108.3120, 33.8632, 12.0044)
contains.

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Color

**YUV(108.3120, 33.8632,
12.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	7A58B1
RGB	122, 88, 177
RGB Percent	48%, 35%, 69%
CMY	0.5216, 0.6549, 0.3059
CMYK	0.31, 0.50, 0.00, 0.31
HSL	263°, 36%, 52%
HSV	263°, 50%, 69%
XYZ	19.4516, 14.2913, 43.3283
YIQ	108.3120, -8.3050, 34.8870

Conversions

Conversions Part 2

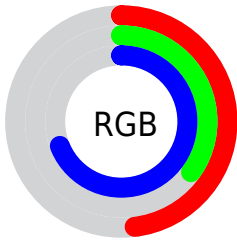
Format	Color
R_{YB}	122, 88, 177
Decimal	8018097
CIE _{Lab}	44.65, 33.24, -42.54
CIE _{LCh}	45, 53.987, 308.001
Yxy	14.2913, 0.2524, 0.1854
Android (android.graphics.Color)	4286208177 (0xFF7A58B1)
YUV	108.3120, 33.8632, 12.0044
Hunter-Lab	37.8039, 25.6884, -41.4915

Details

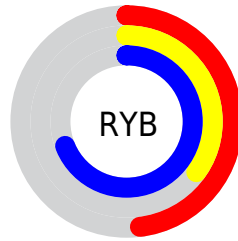
The YUV color **108.3120, 33.8632, 12.0044** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **156.6880, -33.8632, -12.0044**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0780, 35.4575, 13.9636**, and **58.8340, 32.1268, 8.9156** is the 20% darker color. If you saturate the color by 10%, you get **94.4570, 40.6937, 14.5082**, and if you desaturate by 10%, it is **122.1670, 27.0327, 9.5005**.

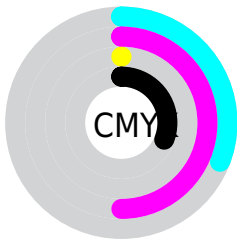
Distribution



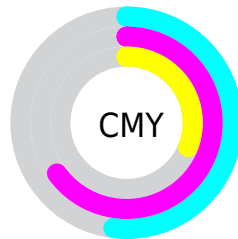
- Red (48%)
- Green (35%)
- Blue (69%)



- Red (48%)
- Yellow (35%)
- Blue (69%)



- Cyan (31%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (52%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3120, 33.8632, 12.0044 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 108.3120, 33.8632, 12.0044 by changing the saturation by 10% instead.

■ 108.3120, 33.8632,
12.0044

■ 108.3120, 33.8632,
12.0044

■ 255.0000, 0.0000,
0.0000

■ 83.0730, 32.9950,
10.4600

■ 161.0780, 35.4575,
13.9636

■ 58.8340, 32.1268,
8.9156

■ 187.2200, 33.4155,
15.5931

■ 34.5950, 31.2587,
7.3712

■ 212.3270, 21.0378,
19.0072

■ 12.9210, 30.1119,
1.8233

■ 235.0420, 9.8393,
17.5032

■ 5.8140, 22.2767,
-5.0989

■ 251.4780, 1.7363,
3.0888

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 108.3120, 33.8632,
12.0044

■ 108.3120, 33.8632,
12.0044

■ 94.4570, 40.6937,
14.5082

■ 122.1670, 27.0327,
9.5005

■ 81.1890, 47.2348,
16.4972

■ 135.4350, 20.4915,
7.5115

■ 67.3340, 54.0653,
19.0011

■ 149.2900, 13.6610,
5.0077

■ 53.4790, 60.8959,
21.5049

■ 163.1450, 6.8305,
2.5038

■ 40.5100, 67.2896,
24.1087

■ 177.0000, 0.0000,
0.0000

■ 190.2680, -6.5411,
-1.9890

■ 204.1230,
-13.3716, -4.4929

■ 217.9780,
-20.2022, -6.9967

■ 230.9470,
-26.5959, -9.6005

Harmonies

Analogous

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



85.0390, 54.2108, -74.5792



108.3120, 33.8632, 12.0044



105.5210, 16.9981, 54.7941

Triad

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



108.3120, 33.8632, 12.0044



100.5320, -43.6463, 46.0144



87.3000, 14.6421, -76.5621

Complementary

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



108.3120, 33.8632, 12.0044



156.6880, -33.8632, -12.0044

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.



80.7680, -5.3086, -70.8335



108.3120, 33.8632, 12.0044



97.4930, -48.0640, 16.2306

Square

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



108.3120, 33.8632, 12.0044



100.8270, -24.0717, 67.6807



92.2630, -32.6677, -22.1557



91.6150, 33.7138, -80.3464

Rectangle

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



108.3120, 33.8632, 12.0044



102.0040, 4.4350, 71.0335



92.2630, -32.6677, -22.1557



85.4760, 7.6533, -74.9625

Sweetspot

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



108.3120, 33.8632, 12.0044



202.8770, 13.3716, 4.4929



131.0180, 22.6691, -37.7268



98.7860, 7.9935, 2.8187



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



108.3120, 33.8632, 12.0044



123.2800, 52.6130, 18.1714



121.1690, 27.5247, 38.4398



82.2220, 3.3416, 1.5593



34.7840, 58.2805, 20.3604



5.9540, 9.8827, 3.5483

Inverse Universe

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



120.8810, 10.9047, 49.2164



142.9520, 16.7857, 76.3411



143.8310, -27.5247, -38.4398



83.3750, 1.2941, 4.9331



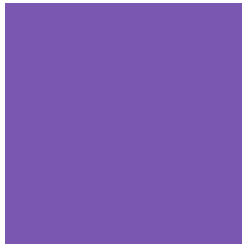
56.5770, 18.9425, 84.5630



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 108.3120, 33.8632, 12.0044 looks on a white background.

Color Contrast Check

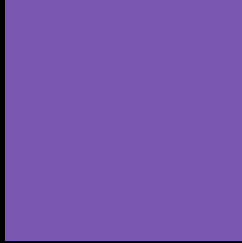
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.3120, 33.8632, 12.0044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

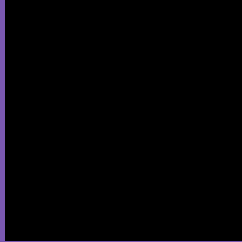
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.3120, 33.8632, 12.0044

Background



This preview shows how black text looks on a background with the YUV color 108.3120, 33.8632, 12.0044.



This preview shows how white text looks on a background with the YUV color 108.3120, 33.8632, 12.0044.

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

108.3120, 33.8632, 12.0044

Protanopia

101.0720, 44.3345, -33.3891

Deuteranopia

100.7810, 35.6040, -33.1339



Tritanopia

106.4070, 2.7573, 2.2741

Trichromacy



Original Color

108.3120, 33.8632, 12.0044

Protanomaly

103.8460, 40.5019, -17.4049

Deuteranomaly

103.0650, 34.9710, -16.7200

Tritanomaly

107.1160, 14.2398, 6.0373

Monochromacy



Original Color

108.3120, 33.8632, 12.0044

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2360, 12.2087, 4.1780

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3120, 33.8632, 12.0044 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(122, 88, 177)` looks like.

```
.text, #text, p{  
    color:rgb(122, 88, 177)  
}
```

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(122, 88, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 88, 177) }
```

Border

The CSS property to change the border of an element to YUV 108.3120, 33.8632, 12.0044 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(122, 88, 177) }
```


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

```
.border{ border-color:rgb(122, 88, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 88, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 88, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 88, 177);  
box-shadow:4px 4px 4px 4px rgb(122, 88,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 108.3120, 33.8632, 12.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 88, 177) }
```

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

```
.background{ background-color: rgb(122, 88,  
177) }
```

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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