

Converting Colors

YUV(108.7500, 43.0142,
16.8822)

Have a look what the booklet for
YUV(108.7500, 43.0142, 16.8822)
contains.

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Color

**YUV(108.7500, 43.0142,
16.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	8052C4
RGB	128, 82, 196
RGB Percent	50%, 32%, 77%
CMY	0.4980, 0.6784, 0.2314
CMYK	0.35, 0.58, 0.00, 0.23
HSL	264°, 49%, 55%
HSV	264°, 58%, 77%
XYZ	21.8832, 14.6093, 53.8911
YIQ	108.7500, -9.1780, 45.2060

Conversions

Conversions Part 2

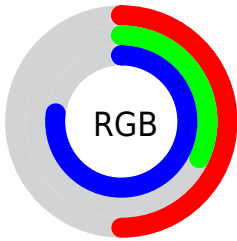
Format	Color
R _{YB}	128, 82, 196
Decimal	8409796
CIE _{Lab}	45.09, 43.11, -52.87
CIE _{LCh}	45, 68.219, 309.197
Y _{xy}	14.6093, 0.2421, 0.1616
Android (android.graphics.Color)	4286599876 (0xFF8052C4)
YUV	108.7500, 43.0142, 16.8822
Hunter-Lab	38.2221, 35.3073, -56.8401

Details

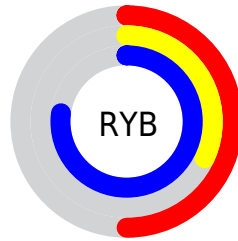
The YUV color **108.7500, 43.0142, 16.8822** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **169.2500, -43.0142, -16.8822**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9290, 44.8980, 19.3563**, and **57.2720, 41.2779, 13.7935** is the 20% darker color. If you saturate the color by 10%, you get **93.4220, 50.5710, 19.8009**, and if you desaturate by 10%, it is **124.0780, 35.4575, 13.9636**.

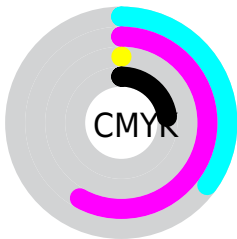
Distribution



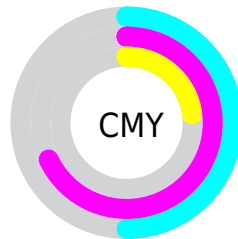
- Red (50%)
- Green (32%)
- Blue (77%)



- Red (50%)
- Yellow (32%)
- Blue (77%)



- Cyan (35%)
- Magenta (58%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7500, 43.0142, 16.8822 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 108.7500, 43.0142, 16.8822 by changing the saturation by 10% instead.

■ 108.7500, 43.0142,
16.8822

■ 108.7500, 43.0142,
16.8822

■ 255.0000, 0.0000,
0.0000

■ 82.5110, 42.1461,
15.3379

■ 161.9290, 44.8980,
19.3563

■ 57.2720, 41.2779,
13.7935

■ 186.6770, 33.6832,
23.0853

■ 30.3750, 41.7201,
11.9491

■ 211.4960, 21.4475,
27.6290

■ 12.6520, 38.1326,
-4.0798

■ 231.5200, 11.5756,
20.5920

■ 7.5240, 28.8287,
-6.5985

■ 248.5430, 3.1833,
5.6628

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 108.7500, 43.0142,
16.8822

■ 108.7500, 43.0142,
16.8822

■ 93.4220, 50.5710,
19.8009

■ 124.0780, 35.4575,
13.9636

■ 78.9800, 57.6909,
22.8195

■ 138.5200, 28.3376,
10.9450

■ 63.6520, 65.2476,
25.7382

■ 153.8480, 20.7809,
8.0263

■ 48.9110, 72.5149,
28.1421

■ 168.5890, 13.5136,
5.6224

■ 45.9650, 73.9673,
28.9717

■ 183.6180, 6.1043,
2.0890

■ 198.9460, -1.4524,
-0.8296

■ 213.6870, -8.7197,
-3.2335

■ 229.0150,
-16.2764, -6.1522

■ 241.6960,
-22.5281, -7.6264

Harmonies

Analogous

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



88.5900, 65.2781, -77.6934



108.7500, 43.0142, 16.8822



100.0750, 23.6270, 75.3562

Triad

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



108.7500, 43.0142, 16.8822



100.3820, -49.4883, 53.1620



90.9190, 15.8159, -79.7360

Complementary

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



108.7500, 43.0142, 16.8822



169.2500, -43.0142, -16.8822

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.



82.9050, -9.8132, -72.7077



108.7500, 43.0142, 16.8822



98.6560, -48.6374, 13.4567

Square

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



108.7500, 43.0142, 16.8822



96.2700, -29.2201, 85.7092



85.6670, -42.2338, -33.9110



96.6020, 40.1292, -84.7200

Rectangle

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



108.7500, 43.0142, 16.8822



90.0750, 10.3160, 98.1582



85.6670, -42.2338, -33.9110



88.6390, 7.0800, -77.7364

Sweetspot

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



108.7500, 43.0142, 16.8822



221.9850, 16.2764, 6.1522



134.9120, 30.1164, -46.4038



107.9540, 9.8827, 3.5483



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



108.7500, 43.0142, 16.8822



118.8200, 67.1367, 26.4679



125.7930, 34.6121, 51.9245



89.3360, 3.7784, 1.4593



37.7890, 60.7430, 23.8640



7.6490, 12.4980, 4.6928

Inverse Universe

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



123.8380, 12.8979, 63.2861



142.3060, 20.0621, 98.8326



152.2070, -34.6121, -51.9245



90.6740, 1.1467, 5.5479



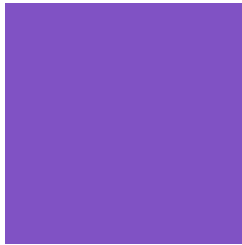
59.0830, 18.2001, 89.3812



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 108.7500, 43.0142, 16.8822 looks on a white background.

Color Contrast Check

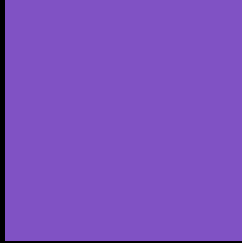
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7500, 43.0142, 16.8822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

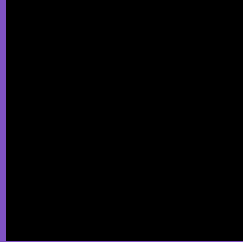
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.7500, 43.0142, 16.8822

Background



This preview shows how black text looks on a background with the YUV color 108.7500, 43.0142, 16.8822.



This preview shows how white text looks on a background with the YUV color 108.7500, 43.0142, 16.8822.

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

108.7500, 43.0142, 16.8822

Protanopia

89.4990, 63.3510, -66.2126

Deuteranopia

93.7160, 47.4680, -58.5099



Tritanopia

107.7060, 2.6099, 2.8888

Trichromacy



Original Color

108.7500, 43.0142, 16.8822



Protanomaly

96.1500, 56.1281, -36.0885



Deuteranomaly

99.1370, 45.7815, -30.8151



Tritanomaly

108.2240, 17.1446, 7.6966

Monochromacy



Original Color

108.7500, 43.0142, 16.8822



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.8710, 15.8396, 6.2521

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7500, 43.0142, 16.8822 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(128, 82, 196)` looks like.

```
.text, #text, p{  
    color:rgb(128, 82, 196)  
}
```

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(128, 82, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 82, 196) }
```

Border

The CSS property to change the border of an element to YUV 108.7500, 43.0142, 16.8822 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(128, 82, 196) }
```


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

```
.border{ border-color:rgb(128, 82, 196) }
```

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

Here you see how a box with a 4 pixel rgb(128, 82, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 82, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 82, 196);  
box-shadow:4px 4px 4px 4px rgb(128, 82,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 108.7500, 43.0142, 16.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 82, 196) }
```

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

```
.background{ background-color: rgb(128, 82,  
196) }
```

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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