

Converting Colors

YUV(107.0480, 44.3463, 9.6049)

Have a look what the booklet for
YUV(107.0480, 44.3463, 9.6049)
contains.

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Color

**YUV(107.0480, 44.3463,
9.6049)**

Conversions

Conversions Part 1

Format	Color
Hex	7654C5
RGB	118, 84, 197
RGB Percent	46%, 33%, 77%
CMY	0.5373, 0.6706, 0.2275
CMYK	0.40, 0.57, 0.00, 0.23
HSL	258°, 49%, 55%
HSV	258°, 57%, 77%
XYZ	20.7196, 14.2234, 54.4767
YIQ	107.0480, -16.0090, 42.3510

Conversions

Conversions Part 2

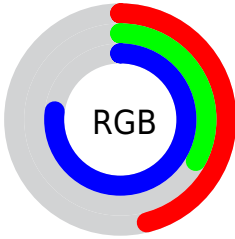
Format	Color
R_{YB}	118, 84, 197
Decimal	7754949
CIE _{Lab}	44.55, 39.92, -54.37
CIE _{LCh}	45, 67.456, 306.286
Yxy	14.2234, 0.2317, 0.1591
Android (android.graphics.Color)	4285945029 (0xFF7654C5)
YUV	107.0480, 44.3463, 9.6049
Hunter-Lab	37.7139, 32.0663, -59.2429

Details

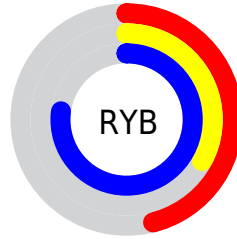
The YUV color **107.0480, 44.3463, 9.6049** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **173.9520, -44.3463, -9.6049**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2270, 46.2301, 12.0789**, and **55.8580, 42.4680, 5.3865** is the 20% darker color. If you saturate the color by 10%, you get **91.1220, 52.1979, 11.2940**, and if you desaturate by 10%, it is **122.9740, 36.4948, 7.9158**.

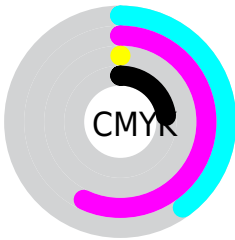
Distribution



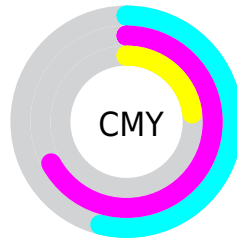
- Red (46%)
- Green (33%)
- Blue (77%)



- Red (46%)
- Yellow (33%)
- Blue (77%)



- Cyan (40%)
- Magenta (57%)
- Yellow (0%)
- Black (23%)



- Cyan (54%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0480, 44.3463, 9.6049 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 107.0480, 44.3463, 9.6049 by changing the saturation by 10% instead.

■ 107.0480, 44.3463,
9.6049

■ 107.0480, 44.3463,
9.6049

■ 255.0000, 0.0000,
0.0000

■ 81.3960, 43.1888,
7.5457

■ 160.2270, 46.2301,
12.0789

■ 55.8580, 42.4680,
5.3865

■ 184.2740, 34.8679,
16.4227

■ 29.8250, 42.4843,
0.1535

■ 209.3810, 22.4902,
19.8369

■ 10.3740, 39.7486,
-9.0980

■ 232.6940, 10.9969,
19.5624

■ 7.5240, 28.8287,
-6.5985

■ 249.1300, 2.8939,
5.1480

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 107.0480, 44.3463,
9.6049

■ 107.0480, 44.3463,
9.6049

■ 91.1220, 52.1979,
11.2940

■ 122.9740, 36.4948,
7.9158

■ 75.7830, 59.7600,
12.4683

■ 138.3130, 28.9327,
6.7415

■ 60.1560, 67.4641,
14.7722

■ 153.9400, 21.2286,
4.4376

■ 44.2300, 75.3156,
16.4613

■ 169.8660, 13.3771,
2.7485

■ 40.0990, 77.3522,
16.5762

■ 185.7920, 5.5255,
1.0594

■ 201.1310, -2.0366,
-0.1149

■ 216.7580, -9.7407,
-2.4188

■ 232.6840,
-17.5922, -4.1079

■ 244.5010,
-23.4180, -2.1934

Harmonies

Analogous

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



88.8350, 63.6783, -77.9083



107.0480, 44.3463, 9.6049



100.4980, 25.3905, 69.7233

Triad

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



107.0480, 44.3463, 9.6049



98.6320, -48.6256, 56.4507



88.9470, 13.3371, -78.0065

Complementary

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



107.0480, 44.3463, 9.6049



173.9520, -44.3463, -9.6049

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.



81.0470, -11.8552, -71.0782



107.0480, 44.3463, 9.6049



98.0910, -48.3589, 17.4602

Square

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



107.0480, 44.3463, 9.6049



94.1930, -25.7311, 86.6537



87.1840, -42.9817, -27.3484



95.2170, 37.3610, -83.5053

Rectangle

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



107.0480, 44.3463, 9.6049



90.5090, 12.0741, 94.2696



87.1840, -42.9817, -27.3484



86.6670, 4.6012, -76.0070

Sweetspot

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



107.0480, 44.3463, 9.6049



220.7890, 16.8660, 3.6930



143.2550, 26.4963, -51.9666



107.3560, 10.1775, 2.3188



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.



107.0480, 44.3463, 9.6049



114.9110, 69.0639, 14.9871



123.7920, 36.0915, 44.0324



91.6240, 3.6364, 0.3298



33.2330, 63.9751, 13.8277



7.3930, 14.1033, 3.1633

Inverse Universe

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



126.7930, 17.8501, 61.5715



145.6460, 27.7825, 95.9035



157.2080, -36.0915, -44.0324



93.3750, 1.2941, 4.9331



61.7330, 25.7676, 88.8112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 107.0480, 44.3463, 9.6049 looks on a white background.

Color Contrast Check

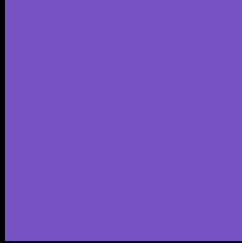
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0480, 44.3463, 9.6049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

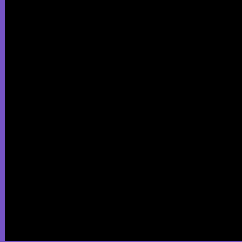
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0480, 44.3463, 9.6049

Background



This preview shows how black text looks on a background with the YUV color 107.0480, 44.3463, 9.6049.



This preview shows how white text looks on a background with the YUV color 107.0480, 44.3463, 9.6049.

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

107.0480, 44.3463, 9.6049

Protanopia

86.3030, 63.9406, -68.6717

Deuteranopia

84.4690, 52.0268, -74.0793



Tritanopia

104.9330, 4.9630, -5.2032

Trichromacy



Original Color

107.0480, 44.3463, 9.6049



Protanomaly

93.9430, 56.7231, -40.2920



Deuteranomaly

92.9720, 49.3138, -43.8254



Tritanomaly

105.7500, 19.3502, 0.2193

Monochromacy



Original Color

107.0480, 44.3463, 9.6049



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.2620, 16.1398, 3.2782

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0480, 44.3463, 9.6049 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(118, 84, 197)` looks like.

```
.text, #text, p{  
    color:rgb(118, 84, 197)  
}
```

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(118, 84, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 84, 197) }
```

Border

The CSS property to change the border of an element to YUV 107.0480, 44.3463, 9.6049 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(118, 84, 197) }
```


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

```
.border{ border-color:rgb(118, 84, 197) }
```

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

Here you see how a box with a 4 pixel rgb(118, 84, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 84, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 84, 197);  
box-shadow:4px 4px 4px 4px rgb(118, 84,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 107.0480, 44.3463, 9.6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 84, 197) }
```

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

```
.background{ background-color: rgb(118, 84,  
197) }
```

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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