

Converting Colors

YUV(121.4900, 44.1284,
32.8963)

Have a look what the booklet for
YUV(121.4900, 44.1284, 32.8963)
contains.

YUV(121.4900, 44.1284, 32.8963)	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(121.4900, 44.1284,
32.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	9F55D3
RGB	159, 85, 211
RGB Percent	62%, 33%, 83%
CMY	0.3765, 0.6667, 0.1725
CMYK	0.25, 0.60, 0.00, 0.17
HSL	275°, 59%, 58%
HSV	275°, 60%, 83%
XYZ	29.3044, 18.5711, 63.6681
YIQ	121.4900, 3.6580, 54.8740

Conversions

Conversions Part 2

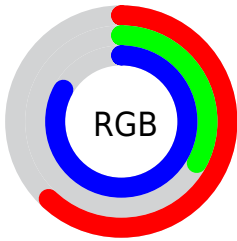
Format	Color
R_{YB}	159, 85, 211
Decimal	10442195
CIE _{Lab}	50.18, 52.52, -53.14
CIE _{LCh}	50, 74.710, 314.663
Yxy	18.5711, 0.2627, 0.1665
Android (android.graphics.Color)	4288632275 (0xFF9F55D3)
YUV	121.4900, 44.1284, 32.8963
Hunter-Lab	43.0942, 45.9669, -57.4302

Details

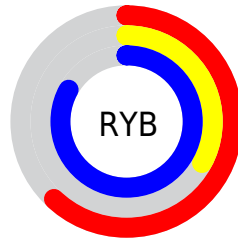
The YUV color **121.4900, 44.1284, 32.8963** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **174.5100, -44.1284, -32.8963**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9590, 39.4602, 36.8700**, and **67.3650, 43.6971, 31.2519** is the 20% darker color. If you saturate the color by 10%, you get **106.4720, 51.5323, 38.1741**, and if you desaturate by 10%, it is **136.5080, 36.7246, 27.6185**.

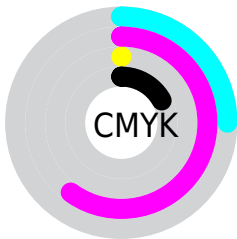
Distribution



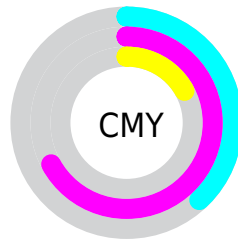
- Red (62%)
- Green (33%)
- Blue (83%)



- Red (62%)
- Yellow (33%)
- Blue (83%)



- Cyan (25%)
- Magenta (60%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (67%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4900, 44.1284, 32.8963 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 121.4900, 44.1284, 32.8963 by changing the saturation by 10% instead.

121.4900, 44.1284,
32.8963

121.4900, 44.1284,
32.8963

255.0000, 0.0000,
0.0000

94.6640, 43.5496,
31.8667

174.9590, 39.4602,
36.8700

67.3650, 43.6971,
31.2519

199.4790, 27.3719,
40.7989

37.4300, 45.1440,
33.8259

218.6060, 17.9422,
31.9175

26.0940, 37.9147,
19.2116

235.6290, 9.5499,
16.9884

15.8830, 31.1167,
6.2416

252.6520, 1.1576,
2.0592

6.1560, 23.5871,
-5.3988

4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 121.4900, 44.1284,
32.8963

■ 121.4900, 44.1284,
32.8963

■ 106.4720, 51.5323,
38.1741

■ 136.5080, 36.7246,
27.6185

■ 91.7530, 58.7888,
44.0666

■ 151.2270, 29.4681,
21.7259

■ 76.7350, 66.1926,
49.3444

■ 166.2450, 22.0642,
16.4481

■ 61.7170, 73.5965,
54.6222

■ 181.2630, 14.6603,
11.1703

61.1300, 73.8859,
55.1370

196.8680, 6.9671,
5.3778

211.5870, -0.2894,
-0.5148

226.6050, -7.6933,
-5.7926

241.6230,
-15.0971, -11.0704

244.6020,
-16.5658, -6.6670

Harmonies

Analogous

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



96.4950, 72.7200, -84.6261



121.4900, 44.1284, 32.8963



108.0710, 23.1360, 92.8997

Triad

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



121.4900, 44.1284, 32.8963



112.1770, -55.3033, 51.5878



103.3890, 22.9792, -90.6722

Complementary

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



121.4900, 44.1284, 32.8963



174.5100, -44.1284, -32.8963

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.



94.5770, -5.7075, -82.9440



121.4900, 44.1284, 32.8963



108.6460, -53.5625, 6.4495

Square

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



121.4900, 44.1284, 32.8963



108.6590, -39.2719, 89.7531



89.0680, -43.9105, -56.1876



108.8270, 48.8923, -95.4413

Rectangle

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



121.4900, 44.1284, 32.8963



97.9630, 6.9202, 114.0424



89.0680, -43.9105, -56.1876



100.2940, 13.6591, -87.9578

Sweetspot

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



121.4900, 44.1284, 32.8963



222.3170, 16.1127, 12.0000



130.4750, 39.6988, -39.8816



107.3890, 10.1612, 7.5518



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.



121.4900, 44.1284, 32.8963



124.2680, 64.4509, 48.0000



135.8980, 32.0953, 65.8645



97.0480, 3.9203, 2.5889



48.7530, 58.7888, 44.0666



11.8500, 14.3709, 10.6555

Inverse Universe

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



128.6020, 4.1402, 72.2630



134.6800, 6.0738, 105.5206



160.1020, -32.0953, -65.8645



97.7450, 0.1257, 6.3626



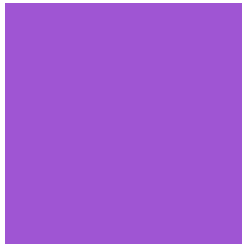
58.0980, 5.3747, 96.3841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 121.4900, 44.1284, 32.8963 looks on a white background.

Color Contrast Check

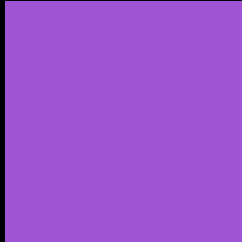
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.4900, 44.1284, 32.8963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

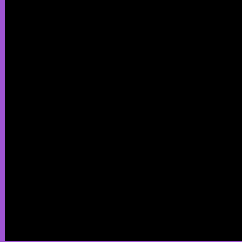
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.4900, 44.1284, 32.8963

Background



This preview shows how black text looks on a background with the YUV color 121.4900, 44.1284, 32.8963.



This preview shows how white text looks on a background with the YUV color 121.4900, 44.1284,

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

121.4900, 44.1284, 32.8963

Protanopia

102.8670, 68.5926, -67.4124

Deuteranopia

111.6250, 45.5409, -47.0291



Tritanopia

121.7790, -1.3700, 19.4878

Trichromacy



Original Color

121.4900, 44.1284, 32.8963



Protanomaly

109.5080, 59.8956, -31.1405



Deuteranomaly

115.3990, 45.1593, -17.8899



Tritanomaly

121.7530, 14.9118, 23.8956

Monochromacy



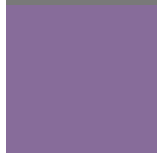
Original Color

121.4900, 44.1284, 32.8963



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.3170, 16.1127, 12.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4900, 44.1284, 32.8963 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(159, 85, 211)` looks like.

```
.text, #text, p{  
    color:rgb(159, 85, 211)  
}
```

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(159, 85, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 85, 211) }
```

Border

The CSS property to change the border of an element to YUV 121.4900, 44.1284, 32.8963 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(159, 85, 211) }
```


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

```
.border{ border-color:rgb(159, 85, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 85, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 85, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 85, 211);  
box-shadow:4px 4px 4px 4px rgb(159, 85,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 121.4900, 44.1284, 32.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 85, 211) }
```

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

```
.background{ background-color: rgb(159, 85,  
211) }
```

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