

Converting Colors

YUV(104.4520, 41.6822,
24.1596)

Have a look what the booklet for
YUV(104.4520, 41.6822, 24.1596)
contains.

YUV(104.4520, 41.6822, 24.1596)	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(104.4520, 41.6822,
24.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	844ABD
RGB	132, 74, 189
RGB Percent	52%, 29%, 74%
CMY	0.4824, 0.7098, 0.2588
CMYK	0.30, 0.61, 0.00, 0.26
HSL	270°, 47%, 52%
HSV	270°, 61%, 74%
XYZ	21.1498, 13.4772, 49.6308
YIQ	104.4520, -2.3470, 48.0610

Conversions

Conversions Part 2

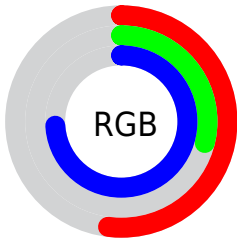
Format	Color
R _{YB}	132, 74, 189
Decimal	8669885
CIE Lab	43.47, 46.64, -51.38
CIE LCh	43, 69.388, 312.230
Yxy	13.4772, 0.2510, 0.1600
Android (android.graphics.Color)	4286859965 (0xFF844ABD)
YUV	104.4520, 41.6822, 24.1596
Hunter-Lab	36.7113, 38.5910, -54.4574

Details

The YUV color **104.4520, 41.6822, 24.1596** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **158.5480, -41.6822, -24.1596**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6310, 43.5659, 26.6336**, and **51.9140, 40.9614, 22.0004** is the 20% darker color. If you saturate the color by 10%, you get **90.6080, 48.5073, 28.4078**, and if you desaturate by 10%, it is **118.2960, 34.8571, 19.9114**.

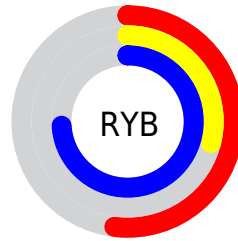
Distribution



Red (52%)

Green (29%)

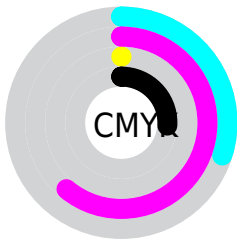
Blue (74%)



Red (52%)

Yellow (29%)

Blue (74%)

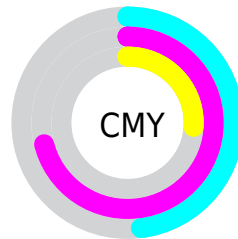


Cyan (30%)

Magenta (61%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (71%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4520, 41.6822, 24.1596 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 104.4520, 41.6822, 24.1596 by changing the saturation by 10% instead.

■ 104.4520, 41.6822,
24.1596

■ 104.4520, 41.6822,
24.1596

■ 255.0000, 0.0000,
0.0000

■ 78.6260, 41.1034,
23.1300

■ 157.6310, 43.5659,
26.6336

■ 51.9140, 40.9614,
22.0004

■ 183.1770, 35.4087,
29.6628

■ 27.3760, 40.2406,
19.8412

■ 208.5830, 22.8836,
33.6917

■ 15.8550, 33.5955,
4.5122

■ 227.4110, 13.6014,
24.1956

■ 6.8400, 26.2079,
-5.9987

■ 243.8470, 5.4984,
9.7812

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 104.4520, 41.6822,
24.1596

■ 104.4520, 41.6822,
24.1596

■ 90.6080, 48.5073,
28.4078

■ 118.2960, 34.8571,
19.9114

■ 76.4650, 55.4798,
32.0412

■ 132.4390, 27.8846,
16.2780

■ 62.6210, 62.3048,
36.2894

■ 146.2830, 21.0595,
12.0298

■ 49.9510, 68.5512,
39.5080

■ 160.1270, 14.2344,
7.7816

■ 174.2700, 7.2619,
4.1482

■ 187.5270, 0.7262,
0.4148

■ 201.6700, -6.2463,
-3.2186

■ 215.5140,
-13.0714, -7.4668

■ 229.3580,
-19.8965, -11.7150

Harmonies

Analogous

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



84.6120, 65.2673, -74.2047



104.4520, 41.6822, 24.1596



92.0050, 23.1685, 82.4336

Triad

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



104.4520, 41.6822, 24.1596



96.8160, -47.7303, 49.2734



88.9130, 18.2839, -77.9767

Complementary

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



104.4520, 41.6822, 24.1596



158.5480, -41.6822, -24.1596

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.



80.7850, -7.7820, -70.8484



104.4520, 41.6822, 24.1596



94.4920, -46.5846, 8.3385

Square

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



104.4520, 41.6822, 24.1596



91.6350, -32.8511, 83.6351



77.9260, -38.4175, -44.6621



94.4820, 42.1604, -82.8607

Rectangle

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



104.4520, 41.6822, 24.1596



78.9450, 10.8731, 106.1652



77.9260, -38.4175, -44.6621



86.6330, 9.5479, -75.9771

Sweetspot

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



104.4520, 41.6822, 24.1596



212.5940, 15.9762, 9.1261



121.1560, 33.4471, -41.3558



102.2640, 9.7298, 5.9075



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



104.4520, 41.6822, 24.1596



113.3160, 64.9202, 37.4339



121.4950, 33.2800, 59.2019



87.5210, 3.1941, 2.1741



41.9320, 57.2215, 33.3856



8.0190, 11.3296, 6.1223

Inverse Universe

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



114.8830, 7.9457, 65.0006



129.6670, 12.4892, 101.1470



141.5050, -33.2800, -59.2019



88.2610, 0.8573, 5.0331



56.1340, 10.7799, 89.3365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 104.4520, 41.6822, 24.1596 looks on a white background.

Color Contrast Check

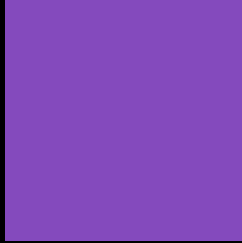
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.4520, 41.6822, 24.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

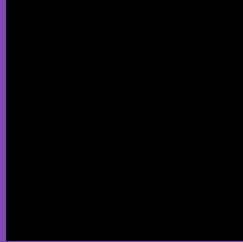
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4520, 41.6822, 24.1596

Background



This preview shows how black text looks on a background with the YUV color 104.4520, 41.6822, 24.1596.



This preview shows how white text looks on a background with the YUV color 104.4520, 41.6822,

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

104.4520, 41.6822, 24.1596

Protanopia

82.1670, 63.5147, -72.0605

Deuteranopia

91.1680, 45.2732, -54.5213



Tritanopia

104.4790, 0.2569, 10.9809

Trichromacy



Original Color

104.4520, 41.6822, 24.1596



Protanomaly

90.3240, 55.5493, -37.1181



Deuteranomaly

96.0020, 43.8760, -26.3118



Tritanomaly

104.2250, 15.6651, 15.5887

Monochromacy



Original Color

104.4520, 41.6822, 24.1596



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.0670, 15.2500, 8.7112

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4520, 41.6822, 24.1596 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(132, 74, 189)` looks like.

```
.text, #text, p{  
    color:rgb(132, 74, 189)  
}
```

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(132, 74, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 74, 189) }
```

Border

The CSS property to change the border of an element to YUV 104.4520, 41.6822, 24.1596 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(132, 74, 189) }
```


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

```
.border{ border-color:rgb(132, 74, 189) }
```

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

Here you see how a box with a 4 pixel rgb(132, 74, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 74, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 74, 189);  
box-shadow:4px 4px 4px 4px rgb(132, 74,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 104.4520, 41.6822, 24.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 74, 189) }
```

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

```
.background{ background-color: rgb(132, 74,  
189) }
```

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