

Converting Colors

YUV(124.8090, 50.3802,
34.3705)

Have a look what the booklet for
YUV(124.8090, 50.3802, 34.3705)
contains.

YUV(124.8090, 50.3802, 34.3705)	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(124.8090, 50.3802,
34.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	A455E3
RGB	164, 85, 227
RGB Percent	64%, 33%, 89%
CMY	0.3569, 0.6667, 0.1098
CMYK	0.28, 0.63, 0.00, 0.11
HSL	273°, 72%, 61%
HSV	273°, 63%, 89%
XYZ	32.4235, 19.9356, 74.8121
YIQ	124.8090, 1.5020, 60.9100

Conversions

Conversions Part 2

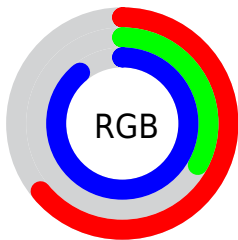
Format	Color
RYB	164, 85, 227
Decimal	10769891
CIELab	51.76, 57.28, -59.65
CIElCh	52, 82.694, 313.838
Yxy	19.9356, 0.2550, 0.1568
Android (android.graphics.Color)	4288959971 (0xFFA455E3)
YUV	124.8090, 50.3802, 34.3705
Hunter-Lab	44.6493, 51.4872, -68.0889

Details

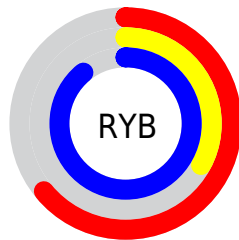
The YUV color **124.8090, 50.3802, 34.3705** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **187.1910, -50.3802, -34.3705**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0410, 38.4338, 39.4290**, and **69.0970, 50.2382, 33.2409** is the 20% darker color. If you saturate the color by 10%, you get **108.3180, 58.5102, 40.0631**, and if you desaturate by 10%, it is **141.3000, 42.2501, 28.6779**.

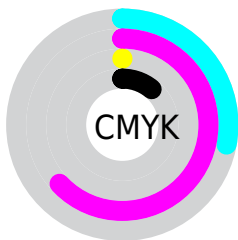
Distribution



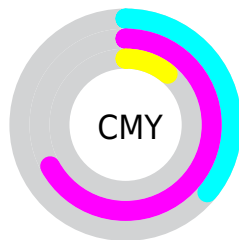
- Red (64%)
- Green (33%)
- Blue (89%)



- Red (64%)
- Yellow (33%)
- Blue (89%)



- Cyan (28%)
- Magenta (63%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (67%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8090, 50.3802, 34.3705 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 124.8090, 50.3802, 34.3705 by changing the saturation by 10% instead.

124.8090, 50.3802,
34.3705

124.8090, 50.3802,
34.3705

255.0000, 0.0000,
0.0000

96.9830, 49.8014,
33.3409

177.0410, 38.4338,
39.4290

69.0970, 50.2382,
33.2409

201.8600, 26.1980,
43.9728

40.0370, 51.2538,
34.1706

219.1930, 17.6529,
31.4027

27.9890, 43.8824,
18.4266

236.2160, 9.2605,
16.4736

15.8700, 37.5321,
1.8680

253.2390, 0.8682,
1.5444

7.6380, 29.2655,
-6.6985

6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 124.8090, 50.3802,
34.3705

■ 124.8090, 50.3802,
34.3705

■ 108.3180, 58.5102,
40.0631

■ 141.3000, 42.2501,
28.6779

■ 92.4140, 66.3509,
45.2409

■ 157.2040, 34.4094,
23.5001

■ 75.9230, 74.4810,
50.9335

■ 173.6950, 26.2794,
17.8075

■ 63.5520, 80.5799,
54.7669

■ 190.1860, 18.1493,
12.1149

206.0900, 10.3086,
6.9371

222.5810, 2.1786,
1.2445

239.0720, -5.9515,
-4.4481

248.8180,
-10.7563, -3.3484

251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



100.6840, 76.0778, -88.2999



124.8090, 50.3802, 34.3705



103.1190, 30.5073, 108.6436

Triad

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



124.8090, 50.3802, 34.3705



116.3410, -57.3561, 56.7059



107.5950, 23.8637, -94.3608

Complementary

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



124.8090, 50.3802, 34.3705



187.1910, -50.3802, -34.3705

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.



97.8710, -8.3174, -85.8329



124.8090, 50.3802, 34.3705



112.7770, -55.5991, 6.3346

Square

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



124.8090, 50.3802, 34.3705



108.5250, -42.6568, 102.1486



84.5280, -41.6723, -74.1311



113.8310, 52.8343, -99.8298

Rectangle

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



124.8090, 50.3802, 34.3705



86.1090, 15.7223, 137.5934



84.5280, -41.6723, -74.1311



104.7450, 12.9437, -91.8614

Sweetspot

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



124.8090, 50.3802, 34.3705



220.5450, 16.9863, 11.8000



138.7560, 43.5043, -47.1440



106.2040, 10.7454, 6.8371



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.



124.8090, 50.3802, 34.3705



117.4680, 67.8033, 46.0706



142.8480, 38.0359, 73.8013



106.4610, 4.2097, 3.1037



50.0070, 63.5935, 42.9669



14.1860, 18.1493, 12.1149

Inverse Universe

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



134.6400, 6.5865, 80.9997



130.7990, 8.9731, 108.9243



169.1520, -38.0359, -73.8013



107.1580, 0.4151, 6.8774



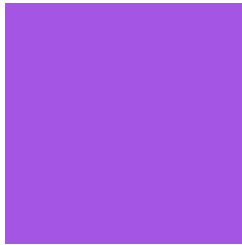
62.5270, 8.1212, 102.1468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 124.8090, 50.3802, 34.3705 looks on a white background.

Color Contrast Check

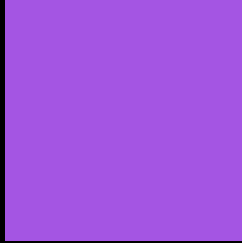
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8090, 50.3802, 34.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

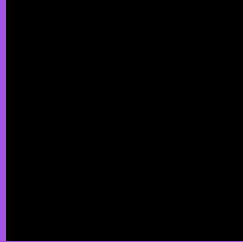
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.8090, 50.3802, 34.3705

Background



This preview shows how black text looks on a background with the YUV color 124.8090, 50.3802, 34.3705.



This preview shows how white text looks on a background with the YUV color 124.8090, 50.3802, 34.3705.

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

124.8090, 50.3802, 34.3705

Protanopia

98.6950, 76.0724, -86.5555

Deuteranopia

109.4040, 54.0308, -63.4983



Tritanopia

125.2950, -0.6384, 18.1583

Trichromacy



Original Color

124.8090, 50.3802, 34.3705



Protanomaly

108.5650, 66.7695, -42.5915



Deuteranomaly

114.6950, 52.9014, -27.7965



Tritanomaly

125.1490, 17.6745, 24.4253

Monochromacy



Original Color

124.8090, 50.3802, 34.3705



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.5990, 18.4387, 12.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8090, 50.3802, 34.3705 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(164, 85, 227)` looks like.

```
.text, #text, p{  
    color:rgb(164, 85, 227)  
}
```

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(164, 85, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 85, 227) }
```

Border

The CSS property to change the border of an element to YUV 124.8090, 50.3802, 34.3705 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(164, 85, 227) }
```


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

```
.border{ border-color:rgb(164, 85, 227) }
```

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

Here you see how a box with a 4 pixel rgb(164, 85, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 85, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 85, 227);  
box-shadow:4px 4px 4px 4px rgb(164, 85,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 124.8090, 50.3802, 34.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 85, 227) }
```

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

```
.background{ background-color: rgb(164, 85,  
227) }
```

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