

Converting Colors

YUV(153.3120, 13.6502, 8.4964)

Have a look what the booklet for
YUV(153.3120, 13.6502, 8.4964)
contains.

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Color

**YUV(153.3120, 13.6502,
8.4964)**

Conversions

Conversions Part 1

Format	Color
Hex	A38FB5
RGB	163, 143, 181
RGB Percent	64%, 56%, 71%
CMY	0.3608, 0.4392, 0.2902
CMYK	0.10, 0.21, 0.00, 0.29
HSL	272°, 20%, 64%
HSV	272°, 21%, 71%
XYZ	33.2672, 30.7676, 47.9014
YIQ	153.3120, -0.2780, 16.0580

Conversions

Conversions Part 2

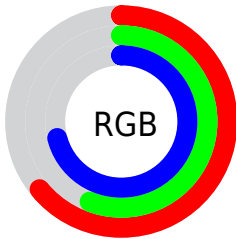
Format	Color
RYB	163, 143, 181
Decimal	10719157
CIELab	62.31, 14.82, -17.09
CIELCh	62, 22.622, 310.929
Yxy	30.7676, 0.2972, 0.2749
Android (android.graphics.Color)	4288909237 (0xFFA38FB5)
YUV	153.3120, 13.6502, 8.4964
Hunter-Lab	55.4686, 9.9851, -12.3735

Details

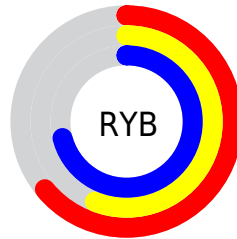
The YUV color $153.3120, 13.6502, 8.4964$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.6880, -13.6502, -8.4964$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.8390, 14.3764, 8.9112$, and $102.3720, 12.6346, 7.5668$ is the 20% darker color. If you saturate the color by 10%, you get $140.0550, 20.1859, 12.2298$, and if you desaturate by 10%, it is $166.5690, 7.1145, 4.7630$.

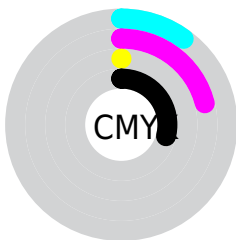
Distribution



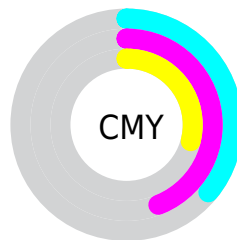
- Red (64%)
- Green (56%)
- Blue (71%)



- Red (64%)
- Yellow (56%)
- Blue (71%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (29%)





- Cyan (36%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.3120, 13.6502, 8.4964 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 153.3120, 13.6502, 8.4964 by changing the saturation by 10% instead.


 153.3120, 13.6502,
8.4964


 153.3120, 13.6502,
8.4964


255.0000, 0.0000,
0.0000


 127.1980, 13.2134,
8.5964


 207.8390, 14.3764,
8.9112


 102.3720, 12.6346,
7.5668


 234.9980, 9.8610,
10.5258

 77.9590, 12.3452,
7.0520

 253.8260, 0.5788,
1.0296

 55.4320, 11.6190,
6.6371

 33.0190, 11.3296,
6.1223

 10.4540, 11.6082,
10.1258

 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 153.3120, 13.6502,
8.4964

■ 153.3120, 13.6502,
8.4964

■ 140.0550, 20.1859,
12.2298

■ 166.5690, 7.1145,
4.7630

■ 127.0970, 26.5742,
16.5779

■ 179.5270, 0.7262,
0.4148

■ 113.8400, 33.1099,
20.3113

■ 192.7840, -5.8095,
-3.3186

■ 100.8820, 39.4982,
24.6595

■ 205.7420,
-12.1978, -7.6667

■ 87.6250, 46.0339,
28.3929

■ 219.5860,
-19.0229, -11.9149

74.0800, 52.7116,
33.2558

232.5440,
-25.4112, -16.2631

60.8230, 59.2473,
36.9892

236.9960,
-27.6060, -12.2745

49.0390, 65.0568,
40.3078

239.6870,
-28.9327, -6.7415

242.0790,
-30.1119, -1.8233

Harmonies

Analogous

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



150.3740, 19.5356, -12.6060



153.3120, 13.6502, 8.4964



154.1200, 4.8708, 24.4508

Triad

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



153.3120, 13.6502, 8.4964



150.9200, -18.6946, 22.8722



141.6960, 7.5449, -40.0754

Complementary

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



153.3120, 13.6502, 8.4964



170.6880, -13.6502, -8.4964

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.



143.9120, -3.4076, -27.1098



153.3120, 13.6502, 8.4964



149.1200, -18.7932, 7.7878

Square

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



153.3120, 13.6502, 8.4964



152.3540, -13.4855, 32.1385



146.2040, -12.9186, -9.8259



141.7910, 16.8650, -42.7897

Rectangle

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



153.3120, 13.6502, 8.4964



153.8560, -1.4080, 31.6983



146.2040, -12.9186, -9.8259



142.2080, 4.3345, -37.0164

Sweetspot

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



153.3120, 13.6502, 8.4964



224.6890, 5.0833, 2.9037



157.8980, 11.3893, -13.0655



111.1080, 2.9048, 1.6593



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



153.3120, 13.6502, 8.4964



191.9950, 21.2015, 13.1594



158.5800, 10.5601, 19.6623



82.5210, 3.1941, 2.1741



41.6610, 54.8901, 34.5003



6.8510, 9.4405, 5.3927

Inverse Universe

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



156.4140, 2.2609, 21.5619



196.8330, 3.5333, 33.4725



165.4200, -10.5601, -19.6623



83.2610, 0.8573, 5.0331



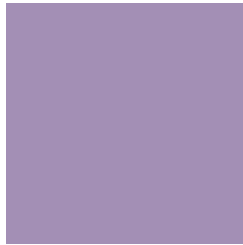
53.9550, 8.8962, 86.8625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 153.3120, 13.6502, 8.4964 looks on a white background.

Color Contrast Check

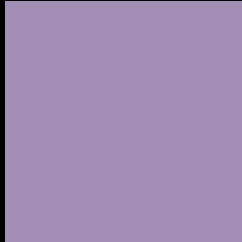
Large Text (above 18pt) WCAG AA × Fail

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 153.3120, 13.6502, 8.4964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

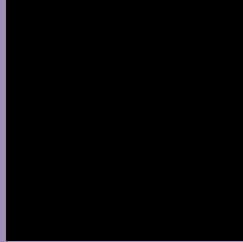
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.3120, 13.6502, 8.4964

Background



This preview shows how black text looks on a background with the YUV color 153.3120, 13.6502, 8.4964.



This preview shows how white text looks on a background with the YUV color 153.3120, 13.6502,

8.4964.

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

153.3120, 13.6502, 8.4964

Protanopia

151.0110, 16.7566, -7.9026

Deuteranopia

151.9580, 13.8247, -0.8402



Tritanopia

151.9560, 3.4727, 6.1776

Trichromacy



Original Color

153.3120, 13.6502, 8.4964

Protanomaly

152.1150, 15.7193, -1.8549

Deuteranomaly

152.5670, 13.5245, 2.1337

Tritanomaly

152.5800, 7.1091, 6.5073

Monochromacy



Original Color

153.3120, 13.6502, 8.4964

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3120, 13.6502, 8.4964 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(163, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 181)  
}
```

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(163, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 181) }
```

Border

The CSS property to change the border of an element to YUV 153.3120, 13.6502, 8.4964 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(163, 143, 181) }
```


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

```
.border{ border-color:rgb(163, 143, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 153.3120, 13.6502, 8.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 181) }
```

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

```
.background{ background-color: rgb(163,  
143, 181) }
```

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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