

Converting Colors

YUV(95.1980, 43.7794, 51.5694)

Have a look what the booklet for
YUV(95.1980, 43.7794, 51.5694)
contains.

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Color

**YUV(95.1980, 43.7794,
51.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	9A30B8
RGB	154, 48, 184
RGB Percent	60%, 19%, 72%
CMY	0.3961, 0.8118, 0.2784
CMYK	0.16, 0.74, 0.00, 0.28
HSL	287°, 59%, 45%
HSV	287°, 74%, 72%
XYZ	23.0351, 12.4446, 46.5354
YIQ	95.1980, 19.5200, 64.7680

Conversions

Conversions Part 2

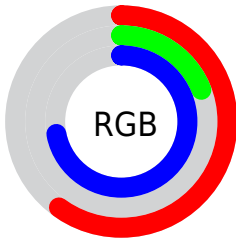
Format	Color
RYB	154, 48, 184
Decimal	10105016
CIELab	41.91, 62.11, -50.80
CIELCh	42, 80.235, 320.719
Yxy	12.4446, 0.2809, 0.1517
Android (android.graphics.Color)	4288295096 (0xFF9A30B8)
YUV	95.1980, 43.7794, 51.5694
Hunter-Lab	35.2769, 54.8222, -53.5182

Details

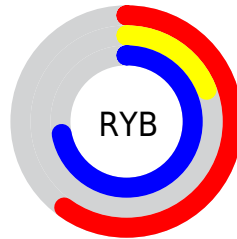
The YUV color **95.1980, 43.7794, 51.5694** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **136.8020, -43.7794, -51.5694**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4970, 43.6320, 52.1841**, and **44.1220, 42.3379, 47.2510** is the 20% darker color. If you saturate the color by 10%, you get **83.4360, 49.5781, 58.3766**, and if you desaturate by 10%, it is **106.9600, 37.9807, 44.7621**.

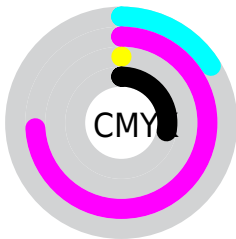
Distribution



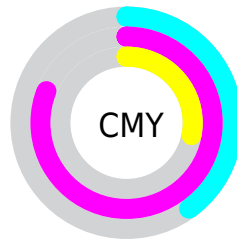
- Red (60%)
- Green (19%)
- Blue (72%)



- Red (60%)
- Yellow (19%)
- Blue (72%)



- Cyan (16%)
- Magenta (74%)
- Yellow (0%)
- Black (28%)





- Cyan (40%)
- Magenta (81%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.1980, 43.7794, 51.5694 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 95.1980, 43.7794, 51.5694 by changing the saturation by 10% instead.


 95.1980, 43.7794,
51.5694


 95.1980, 43.7794,
51.5694


255.0000, 0.0000,
0.0000


 60.8550, 47.3995,
57.1322


 152.4970, 43.6320,
52.1841


 44.1220, 42.3379,
47.2510


 178.6130, 37.6588,
54.7134


 33.0850, 34.9611,
33.2515


 199.2350, 27.4921,
48.9059

 22.4610, 27.8737,
19.7667

 215.6710, 19.3892,
34.4915

 9.6730, 22.8392,
1.1638

 232.6940, 10.9969,
19.5624

 4.9360, 13.8356,
-4.3289

 250.3040, 2.3151,

 0.6840, 2.6208,

4.1184

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 95.1980, 43.7794,
51.5694

■ 95.1980, 43.7794,
51.5694

■ 83.4360, 49.5781,
58.3766

■ 106.9600, 37.9807,
44.7621

■ 71.0870, 55.6661,
65.6987

■ 119.3090, 31.8927,
37.4400

■ 63.7330, 59.2916,
69.5172

■ 131.0710, 26.0940,
30.6327

■ 143.4200, 20.0059,
23.3107

■ 155.1820, 14.2073,
16.5034

■ 166.9440, 8.4086,
9.6961

■ 179.2930, 2.3206,
2.3740

■ 191.0550, -3.4781,
-4.4332

■ 203.7030, -9.7136,
-11.1405

Harmonies

Analogous

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



79.0670, 71.9450, -69.3418



95.1980, 43.7794, 51.5694



74.0070, 23.6605, 111.3729

Triad

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



95.1980, 43.7794, 51.5694



93.5050, -46.0980, 39.0221



89.7910, 26.7250, -78.7467

Complementary

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



95.1980, 43.7794, 51.5694



136.8020, -43.7794, -51.5694

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.



81.3380, -3.1246, -71.3334



95.1980, 43.7794, 51.5694



87.3050, -43.0414, -8.1605

Square

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



95.1980, 43.7794, 51.5694



85.2410, -42.0238, 85.7346



69.8530, -34.4375, -61.2611



95.2290, 52.6381, -83.5158

Rectangle

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



95.1980, 43.7794, 51.5694



71.4970, 3.6990, 120.5901



69.8530, -34.4375, -61.2611



87.2830, 17.1155, -76.5472

Sweetspot

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



95.1980, 43.7794, 51.5694



205.3010, 17.1066, 19.9070



82.2880, 50.1440, -30.0706



99.7100, 10.0030, 11.6553



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



95.1980, 43.7794, 51.5694



100.3290, 68.8578, 81.2725



100.0640, 23.6324, 73.6119



86.1190, 2.8993, 3.4036



53.9630, 50.3042, 58.7914



9.7700, 8.9874, 10.7257

Inverse Universe

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



92.0840, -6.9434, 80.6103



95.3440, -11.0156, 126.8633



131.9360, -23.6324, -73.6119



85.9190, -0.4531, 5.3330



50.5200, -8.1444, 92.5060



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 95.1980, 43.7794, 51.5694 looks on a white background.

Color Contrast Check

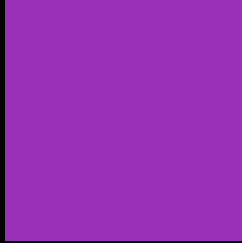
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.1980, 43.7794, 51.5694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

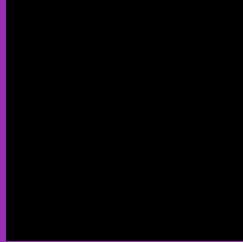
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1980, 43.7794, 51.5694

Background



This preview shows how black text looks on a background with the YUV color 95.1980, 43.7794, 51.5694.



This preview shows how white text looks on a background with the YUV color 95.1980, 43.7794,

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

95.1980, 43.7794, 51.5694

Protanopia

79.4940, 60.8885, -69.7162

Deuteranopia

89.7020, 42.0519, -47.9737



Tritanopia

100.4390, -5.6394, 35.5720

Trichromacy



Original Color

95.1980, 43.7794, 51.5694



Protanomaly

85.4610, 54.4957, -25.8373



Deuteranomaly

91.7480, 42.5222, -12.0570



Tritanomaly

98.8800, 12.3842, 41.3242

Monochromacy



Original Color

95.1980, 43.7794, 51.5694



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.9480, 15.8016, 18.4626

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1980, 43.7794, 51.5694 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(154, 48, 184)` looks like.

```
.text, #text, p{  
    color:rgb(154, 48, 184)  
}
```

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(154, 48, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 48, 184) }
```

Border

The CSS property to change the border of an element to YUV 95.1980, 43.7794, 51.5694 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(154, 48, 184) }
```


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

```
.border{ border-color:rgb(154, 48, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 48, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 48, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 48, 184);  
box-shadow:4px 4px 4px 4px rgb(154, 48,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 95.1980, 43.7794, 51.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 48, 184) }
```

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

```
.background{ background-color: rgb(154, 48,  
184) }
```

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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