

# Converting Colors

YUV(95.1800, 64.4943, 34.0451)

Have a look what the booklet for  
YUV(95.1800, 64.4943, 34.0451)  
contains.

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# Color

**YUV(95.1800, 64.4943,  
34.0451)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8632E2                    |
| RGB           | 134, 50, 226              |
| RGB Percent   | 53%, 20%, 89%             |
| CMY           | 0.4745, 0.8039, 0.1137    |
| CMYK          | 0.41, 0.78, 0.00, 0.11    |
| HSL           | 269°, 75%, 54%            |
| HSV           | 269°, 78%, 89%            |
| XYZ           | 24.6996, 12.8405, 73.1282 |
| YIQ           | 95.1800, -6.4320, 72.5440 |

# Conversions

## Conversions Part 2

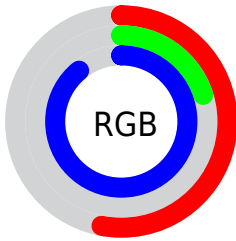
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 134, 50, 226                  |
| Decimal                             | 8794850                       |
| CIE <sub>Lab</sub>                  | 42.52, 66.82, -74.25          |
| CIE <sub>LCh</sub>                  | 43, 99.889, 311.986           |
| Yxy                                 | 12.8405, 0.2232,<br>0.1160    |
| Android<br>(android.graphics.Color) | 4286984930<br>(0xFF8632E2)    |
| YUV                                 | 95.1800, 64.4943,<br>34.0451  |
| Hunter-Lab                          | 35.8337, 60.3283,<br>-95.9135 |

# Details

The YUV color **95.1800, 64.4943, 34.0451** is a dark color, and the websafe version is hex **6600CC**. The color can be described as middle washed purple. A complement of this color would be **180.8200, -64.4943, -34.0451**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2980, 52.1111, 39.2037**, and **41.0930, 63.0582, 27.9824** is the 20% darker color. If you saturate the color by 10%, you get **78.0910, 72.9191, 38.5082**, and if you desaturate by 10%, it is **112.2690, 56.0694, 29.5821**.

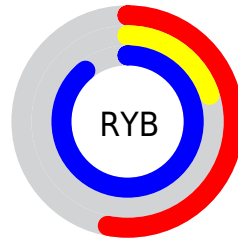
# Distribution



Red (53%)

Green (20%)

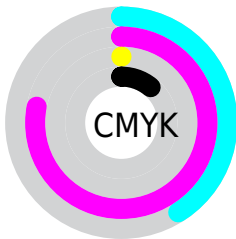
Blue (89%)



Red (53%)

Yellow (20%)

Blue (89%)

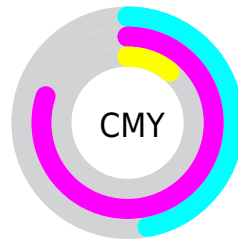


Cyan (41%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (80%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.1800, 64.4943, 34.0451 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 95.1800, 64.4943, 34.0451 by changing the saturation by 10% instead.





 95.1800, 64.4943,  
34.0451


 95.1800, 64.4943,  
34.0451


255.0000, 0.0000,  
0.0000


 62.3590, 66.3780,  
36.5192


 149.2980, 52.1111,  
39.2037


 41.0930, 63.0582,  
27.9824


 174.1170, 39.8753,  
43.7474


 26.9520, 56.7187,  
7.9351


 199.8220, 27.2028,  
48.3911

 13.1100, 50.2318,  
-11.4975

 216.2580, 19.0998,  
33.9767

 10.2600, 39.3118,  
-8.9980

 233.2810, 10.7075,  
19.0476

 11.5190, 26.3661,  
-10.1022

 250.8910, 2.0257,

 6.5490, 17.4773,

3.6036

-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 95.1800, 64.4943,  
34.0451

■ 95.1800, 64.4943,  
34.0451

■ 78.0910, 72.9191,  
38.5082

■ 112.2690, 56.0694,  
29.5821

■ 61.5890, 81.0546,  
42.4564

■ 128.7710, 47.9339,  
25.6338

■ 58.0560, 82.7964,  
43.8009

■ 145.5610, 39.6564,  
20.5560

■ 162.0630, 31.5209,  
16.6077

■ 179.1520, 23.0961,  
12.1447

■ 196.2410, 14.6712,  
7.6816

■ 212.7430, 6.5357,  
3.7334

■ 229.8320, -1.8892,  
-0.7297

■ 246.0350, -9.8773,  
-5.2927

# Harmonies

## Analogous

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



89.5310, 81.5762, -78.5187



95.1800, 64.4943, 34.0451



81.7270, 35.1376, 116.8804

# Triad

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



95.1800, 64.4943, 34.0451



93.6370, -46.1630, 59.9544



91.4720, 20.4733, -80.2209

# Complementary

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



95.1800, 64.4943, 34.0451



180.8200, -64.4943, -34.0451

# 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.



80.1520, -17.8229, -70.2933



95.1800, 64.4943, 34.0451



91.2030, -44.9631, 1.5760

# Square

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



95.1800, 64.4943, 34.0451



63.3880, -31.2503, 130.3327



71.6140, -35.3057, -62.8055



101.0650, 54.6910, -88.6340



# Rectangle

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



95.1800, 64.4943, 34.0451



80.9530, 8.8972, 133.3452



71.6140, -35.3057, -62.8055



87.5790, 8.0956, -76.8068

# Sweetspot

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



95.1800, 64.4943, 34.0451



211.0980, 21.6437, 11.3151



125.2420, 49.6737, -65.9872



101.1870, 13.2188, 6.8520



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.



95.1800, 64.4943, 34.0451



78.8050, 86.8641, 45.7750



120.8940, 51.8173, 86.9160



103.7490, 4.0677, 1.9741



45.1800, 64.4943, 34.0451



12.3490, 17.5759, 9.3409



# Inverse Universe

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



113.1120, 14.2418, 99.0028



102.9990, 19.2275, 133.3049



155.1060, -51.8173, -86.9160



104.9730, 0.9993, 6.1627



63.1120, 14.2418, 99.0028

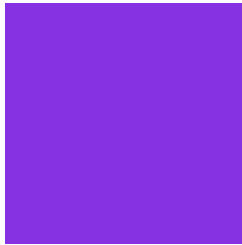


17.2020, 3.8444, 27.0098



# Previews

## White Background



This preview shows how the YUV color 95.1800, 64.4943, 34.0451 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

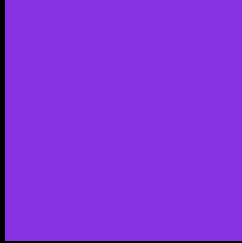
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 95.1800, 64.4943, 34.0451 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

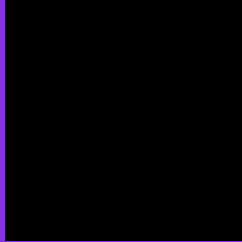
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.1800, 64.4943, 34.0451

## Background



This preview shows how black text looks on a background with the YUV color 95.1800, 64.4943, 34.0451.



This preview shows how white text looks on a background with the YUV color 95.1800, 64.4943,



# 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

95.1800, 64.4943, 34.0451

### Protanopia

80.1950, 61.0359, -70.3310

### Deuteranopia

80.6390, 47.5060, -70.7204



## Tritanopia

100.9020, 2.0203, 5.3479

# Trichromacy



## Original Color

95.1800, 64.4943, 34.0451



## Protanomaly

85.7790, 62.2270, -32.2552



## Deuteranomaly

86.1890, 53.6438, -32.6148



## Tritanomaly

98.9290, 24.6850, 15.8483

# Monochromacy



## Original Color

95.1800, 64.4943, 34.0451



## Achromatopsia

95.0000, 0.0000, 0.0000



## Achromatomaly

95.2660, 23.5329, 12.0447

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.1800, 64.4943, 34.0451 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(134, 50, 226)` looks like.

```
.text, #text, p{  
    color:rgb(134, 50, 226)  
}
```

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(134, 50, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 50, 226) }
```

## Border

The CSS property to change the border of an element to YUV 95.1800, 64.4943, 34.0451 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(134, 50, 226) }
```



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

```
.border{ border-color:rgb(134, 50, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 50, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 50, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 50, 226);  
box-shadow:4px 4px 4px 4px rgb(134, 50,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 95.1800, 64.4943, 34.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 50, 226) }
```

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

```
.background{ background-color: rgb(134, 50,  
226) }
```

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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