

Converting Colors

YUV(128.1840, 24.5593, 9.4856)

Have a look what the booklet for
YUV(128.1840, 24.5593, 9.4856)
contains.

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Color

**YUV(128.1840, 24.5593,
9.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	8B71B2
RGB	139, 113, 178
RGB Percent	55%, 44%, 70%
CMY	0.4549, 0.5569, 0.3020
CMYK	0.22, 0.37, 0.00, 0.30
HSL	264°, 30%, 57%
HSV	264°, 37%, 70%
XYZ	24.5885, 20.5136, 44.7830
YIQ	128.1840, -5.3690, 25.7270

Conversions

Conversions Part 2

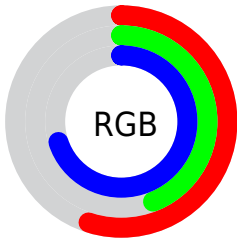
Format	Color
R_{YB}	139, 113, 178
Decimal	9138610
CIE _{Lab}	52.41, 23.71, -30.78
CIE _{LCh}	52, 38.854, 307.603
Yxy	20.5136, 0.2736, 0.2282
Android (android.graphics.Color)	4287328690 (0xFF8B71B2)
YUV	128.1840, 24.5593, 9.4856
Hunter-Lab	45.2919, 17.6448, -26.9195

Details

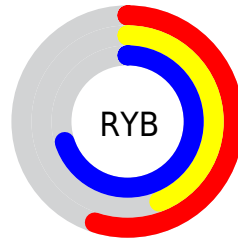
The YUV color $[128.1840, 24.5593, 9.4856]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[162.8160, -24.5593, -9.4856]$, and the grayscale version is $[128.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[181.5370, 25.8643, 10.9301]$, and $[78.4180, 22.9649, 7.5264]$ is the 20% darker color. If you saturate the color by 10%, you get $[114.3290, 31.3898, 11.9895]$, and if you desaturate by 10%, it is $[142.0390, 17.7288, 6.9818]$.

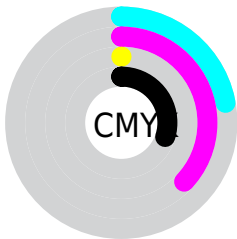
Distribution



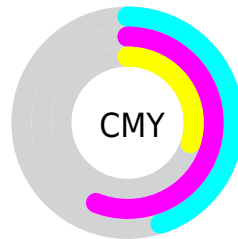
- Red (55%)
- Green (44%)
- Blue (70%)



- Red (55%)
- Yellow (44%)
- Blue (70%)



- Cyan (22%)
- Magenta (37%)
- Yellow (0%)
- Black (30%)



- Cyan (45%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1840, 24.5593, 9.4856 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 128.1840, 24.5593, 9.4856 by changing the saturation by 10% instead.

■ 128.1840, 24.5593,
9.4856

■ 128.1840, 24.5593,
9.4856

■ 255.0000, 0.0000,
0.0000

■ 102.6570, 23.8331,
9.0708

■ 181.5370, 25.8643,
10.9301

■ 78.4180, 22.9649,
7.5264

■ 208.1520, 23.0961,
12.1447

■ 54.8910, 22.2387,
7.1116

■ 233.2590, 10.7183,
15.5589

■ 32.6520, 21.3706,
5.5672

■ 251.4780, 1.7363,
3.0888

■ 11.7230, 20.3496,
6.3819

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 128.1840, 24.5593,
9.4856

■ 128.1840, 24.5593,
9.4856

■ 114.3290, 31.3898,
11.9895

■ 142.0390, 17.7288,
6.9818

■ 100.7730, 38.0729,
15.1081

■ 155.5950, 11.0457,
3.8632

■ 87.5050, 44.6140,
17.0971

■ 168.8630, 4.5045,
1.8741

■ 73.6500, 51.4445,
19.6009

■ 182.7180, -2.3260,
-0.6297

■ 60.0940, 58.1277,
22.7196

■ 196.2740, -9.0091,
-3.7483

46.2390, 64.9582,
25.2234

210.1290,
-15.8396, -6.2521

41.5210, 67.2841,
25.8531

223.9840,
-22.6701, -8.7560

236.9530,
-29.0638, -11.3598

240.2420,
-30.6853, -4.5972

Harmonies

Analogous

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



121.1510, 34.4356, -31.7044



128.1840, 24.5593, 9.4856



128.2280, 11.2266, 39.2650

Triad

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



128.1840, 24.5593, 9.4856



123.7340, -29.9419, 37.0673



98.5160, 17.0006, -86.3985

Complementary

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



128.1840, 24.5593, 9.4856



162.8160, -24.5593, -9.4856

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.



109.7970, -5.8159, -48.0570



128.1840, 24.5593, 9.4856



121.4230, -31.7605, 13.6610

Square

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



128.1840, 24.5593, 9.4856



125.2810, -19.3655, 51.4966



117.4240, -23.3800, -14.4038



101.5770, 31.2675, -89.0830

Rectangle

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



128.1840, 24.5593, 9.4856



126.9600, 1.0057, 50.9011



117.4240, -23.3800, -14.4038



97.1480, 11.7590, -85.1988

Sweetspot

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



128.1840, 24.5593, 9.4856



212.8400, 9.4459, 3.6483



143.3030, 17.1056, -26.5757



105.5040, 5.6675, 2.1890



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.



128.1840, 24.5593, 9.4856



153.8870, 38.5097, 15.0081



138.0510, 19.6949, 29.7733



82.2220, 3.3416, 1.5593



35.6810, 57.8383, 22.2048



5.9540, 9.8827, 3.5483

Inverse Universe

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



136.8810, 7.4537, 36.0614



167.4520, 11.6092, 56.6086



153.2480, -19.8423, -29.1585



83.3750, 1.2941, 4.9331



56.2350, 17.6321, 84.8629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 128.1840, 24.5593, 9.4856 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 128.1840, 24.5593, 9.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

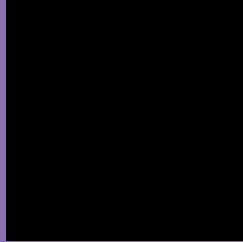
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.1840, 24.5593, 9.4856

Background



This preview shows how black text looks on a background with the YUV color 128.1840, 24.5593, 9.4856.



This preview shows how white text looks on a background with the YUV color 128.1840, 24.5593, 9.4856.

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

128.1840, 24.5593, 9.4856

Protanopia

124.5010, 30.3190, -17.9794

Deuteranopia

124.8450, 25.2194, -15.6501



Tritanopia

125.8310, 3.0413, 4.5332

Trichromacy



Original Color

128.1840, 24.5593, 9.4856

Protanomaly

125.6980, 28.2499, -7.6281

Deuteranomaly

126.1990, 25.0449, -6.3135

Tritanomaly

126.9050, 10.8928, 6.2223

Monochromacy



Original Color

128.1840, 24.5593, 9.4856

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3130, 8.7197, 3.2335

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1840, 24.5593, 9.4856 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(139, 113, 178)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 178)  
}
```

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(139, 113, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 178) }
```

Border

The CSS property to change the border of an element to YUV 128.1840, 24.5593, 9.4856 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(139, 113, 178) }
```


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

```
.border{ border-color:rgb(139, 113, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 113, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 113, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 113, 178);  
box-shadow:4px 4px 4px 4px rgb(139, 113,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 128.1840, 24.5593, 9.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 178) }
```

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

```
.background{ background-color: rgb(139,  
113, 178) }
```

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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