

Converting Colors

YUV(128.4420, -0.2179,
23.2914)

Have a look what the booklet for
YUV(128.4420, -0.2179, 23.2914)
contains.

YUV(128.4420, -0.2179, 23.2914)	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(128.4420, -0.2179,
23.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7380
RGB	155, 115, 128
RGB Percent	61%, 45%, 50%
CMY	0.3922, 0.5490, 0.4980
CMYK	0.00, 0.26, 0.17, 0.39
HSL	340°, 17%, 53%
HSV	340°, 26%, 61%
XYZ	23.5446, 20.7885, 23.1937
YIQ	128.4420, 19.6670, 12.5230

Conversions

Conversions Part 2

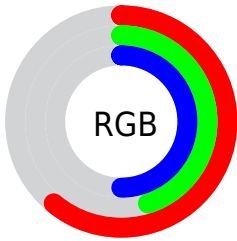
Format	Color
R_{YB}	155, 115, 128
Decimal	10187648
CIE _{Lab}	52.72, 17.82, -0.97
CIE _{LCh}	53, 17.849, 356.896
Yxy	20.7885, 0.3487, 0.3079
Android (android.graphics.Color)	4288377728 (0xFF9B7380)
YUV	128.4420, -0.2179, 23.2914
Hunter-Lab	45.5945, 12.3856, 1.7555

Details

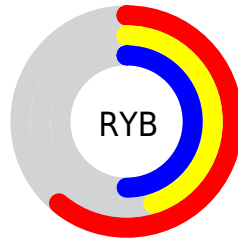
The YUV color $128.4420, -0.2179, 23.2914$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $141.5580, 0.2179, -23.2914$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.4530, -0.2233, 25.0357$, and $79.1320, -0.0651, 20.9322$ is the 20% darker color. If you saturate the color by 10%, you get $118.4970, -0.2450, 32.0131$, and if you desaturate by 10%, it is $138.9740, -0.4802, 14.0548$.

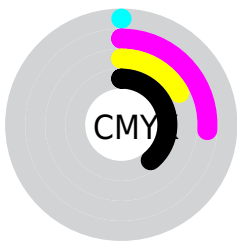
Distribution



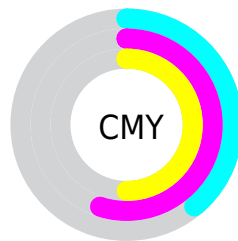
- Red (61%)
- Green (45%)
- Blue (50%)



- Red (61%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.4420, -0.2179, 23.2914 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 128.4420, -0.2179, 23.2914 by changing the saturation by 10% instead.


 128.4420, -0.2179,
23.2914


 128.4420, -0.2179,
23.2914

255.0000, 0.0000,
0.0000

 103.1430, -0.0705,
22.6766

 181.4530, -0.2233,
25.0357

 79.1320, -0.0651,
20.9322

 209.0510, -0.5181,
26.2653

 55.5340, 0.2297,
19.7027

 233.5770, 1.6875,
18.7880

 33.3490, 0.8139,
18.9879

 252.6520, 1.1576,
2.0592

 11.9470, 0.5191,
20.2175

 0.0000, 0.0000,
0.0000

■ 128.4420, -0.2179,
23.2914

■ 128.4420, -0.2179,
23.2914

■ 118.4970, -0.2450,
32.0131

■ 138.9740, -0.4802,
14.0548

■ 107.8510, -0.4195,
41.3497

■ 149.0330, -0.0163,
5.2331

■ 97.9060, -0.4467,
50.0714

■ 159.5650, -0.2785,
-4.0035

■ 87.2600, -0.6212,
59.4080

■ 169.6240, 0.1854,
-12.8252

■ 77.3150, -0.6483,
68.1297

■ 180.1560, -0.0769,
-22.0618

■ 66.6690, -0.8228,
77.4663

■ 190.2150, 0.3870,
-30.8836

■ 56.7240, -0.8499,
86.1881


■ 200.1600, 0.4141,
-39.6053

■ 52.0450, -1.0082,

■ 210.8060, 0.5886,

90.2915

-48.9419

 221.3380, 0.3264,
-58.1784

Harmonies

Analogous

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



128.6240, 7.0874, 13.4848



128.4420, -0.2179, 23.2914



127.9170, -7.3541, 25.5058

Triad

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



128.4420, -0.2179, 23.2914



123.6720, -12.6563, -0.5893



121.0100, 14.7851, -28.9498

Complementary

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



128.4420, -0.2179, 23.2914



141.5580, 0.2179, -23.2914

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.



119.0220, 9.8492, -32.4683



128.4420, -0.2179, 23.2914



121.8920, -6.3558, -14.8143

Square

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



128.4420, -0.2179, 23.2914



125.1790, -14.8782, 12.1210



119.7040, 2.1179, -26.0504



124.3150, 15.6207, -16.9393

Rectangle

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



128.4420, -0.2179, 23.2914



127.1680, -11.4218, 23.5317



119.7040, 2.1179, -26.0504



120.3580, 13.6275, -31.0090

Sweetspot

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



128.4420, -0.2179, 23.2914



190.4680, 0.2623, 9.2366



127.6330, 13.4919, 12.5999



95.3320, -0.1637, 5.8478



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



128.4420, -0.2179, 23.2914



159.8180, -0.4033, 36.1166



131.0690, -7.9220, 20.9875



71.6200, -0.3057, 4.7183



47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Inverse Universe

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



128.4420, -0.2179, 23.2914



159.8180, -0.4033, 36.1166



138.9310, 7.9220, -20.9875



71.6200, -0.3057, 4.7183



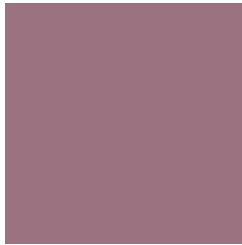
47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 128.4420, -0.2179, 23.2914 looks on a white background.

Color Contrast Check

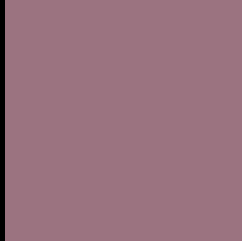
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4420, -0.2179, 23.2914 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 128.4420, -0.2179, 23.2914

Background



This preview shows how black text looks on a background with the YUV color 128.4420, -0.2179, 23.2914.



This preview shows how white text looks on a background with the YUV color 128.4420, -0.2179,

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

128.4420, -0.2179, 23.2914

Protanopia

126.3250, 3.7838, -0.2850

Deuteranopia

127.3540, -0.1745, 9.3365



Tritanopia

128.5730, -2.2545, 23.1765

Trichromacy



Original Color

128.4420, -0.2179, 23.2914

Protanomaly

127.0380, 2.4463, 8.7367

Deuteranomaly

127.3870, -0.1908, 14.5696

Tritanomaly

128.6870, -1.8177, 23.0765

Monochromacy



Original Color

128.4420, -0.2179, 23.2914

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0550, -0.0271, 8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4420, -0.2179, 23.2914 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(155, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(155, 115, 128)  
}
```

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(155, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 115, 128) }
```

Border

The CSS property to change the border of an element to YUV 128.4420, -0.2179, 23.2914 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(155, 115, 128) }
```


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

```
.border{ border-color:rgb(155, 115, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 115, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 115, 128);  
box-shadow:4px 4px 4px 4px rgb(155, 115,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 128.4420, -0.2179, 23.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 115, 128) }
```

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

```
.background{ background-color: rgb(155,  
115, 128) }
```

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