

Converting Colors

YUV(131.2260, 14.1856,
23.4808)

Have a look what the booklet for
YUV(131.2260, 14.1856, 23.4808)
contains.

YUV(131.2260, 14.1856, 23.4808)	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(131.2260, 14.1856,
23.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	9E70A0
RGB	158, 112, 160
RGB Percent	62%, 44%, 63%
CMY	0.3804, 0.5608, 0.3725
CMYK	0.01, 0.30, 0.00, 0.37
HSL	298°, 20%, 53%
HSV	298°, 30%, 63%
XYZ	26.2399, 21.3955, 36.0045
YIQ	131.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

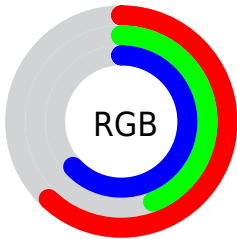
Format	Color
R_{YB}	158, 112, 160
Decimal	10383520
CIE _{Lab}	53.38, 26.52, -18.68
CIE _{LCh}	53, 32.439, 324.837
Yxy	21.3955, 0.3137, 0.2558
Android (android.graphics.Color)	4288573600 (0xFF9E70A0)
YUV	131.2260, 14.1856, 23.4808
Hunter-Lab	46.2553, 20.3135, -13.7718

Details

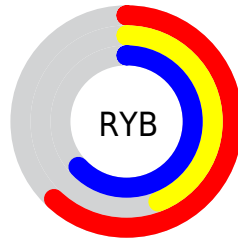
The YUV color **131.2260, 14.1856, 23.4808** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.7740, -14.1856, -23.4808**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4650, 15.0538, 25.0252**, and **80.9870, 13.3174, 21.9364** is the 20% darker color. If you saturate the color by 10%, you get **121.5350, 18.9632, 31.1028**, and if you desaturate by 10%, it is **140.9170, 9.4079, 15.8588**.

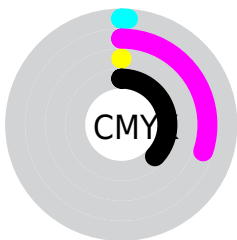
Distribution



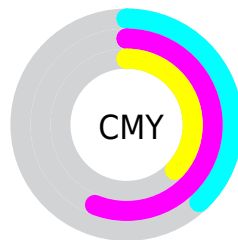
- Red (62%)
- Green (44%)
- Blue (63%)



- Red (62%)
- Yellow (44%)
- Blue (63%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2260, 14.1856, 23.4808 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 131.2260, 14.1856, 23.4808 by changing the saturation by 10% instead.

131.2260, 14.1856,
23.4808

131.2260, 14.1856,
23.4808

255.0000, 0.0000,
0.0000

105.5140, 14.0436,
22.3512

184.4650, 15.0538,
25.0252

80.9870, 13.3174,
21.9364

212.7640, 14.9063,
25.6400

57.2750, 13.1754,
20.8068

234.4550, 10.1287,
18.0180

34.5630, 13.0334,
19.6772

250.8910, 2.0257,
3.6036

15.2100, 11.7285,
18.2328

2.4110, 6.6994,
-2.1144

0.0000, 0.0000,

0.0000

131.2260, 14.1856,
23.4808

131.2260, 14.1856,
23.4808

121.5350, 18.9632,
31.1028

140.9170, 9.4079,
15.8588

112.1430, 23.5935,
39.3396

150.3090, 4.7777,
7.6220

102.4520, 28.3712,
46.9616

160.0000, 0.0000,
0.0000

92.7610, 33.1488,
54.5836

169.6910, -4.7777,
-7.6220

83.3690, 37.7791,
62.8204

179.0830, -9.4079,
-15.8588

73.6780, 42.5567,
70.4424

188.7740,
-14.1856, -23.4808

63.9870, 47.3344,
78.0644

198.4650,
-18.9632, -31.1028

207.8570,
-23.5935, -39.3396

216.9610,
-28.0818, -46.4468

Harmonies

Analogous

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



128.6830, 24.3133, -4.9840



131.2260, 14.1856, 23.4808



130.7200, 1.6170, 41.4646

Triad

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



131.2260, 14.1856, 23.4808



125.7320, -26.9829, 21.2830



100.4540, 24.4262, -88.0982

Complementary

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



131.2260, 14.1856, 23.4808



140.7740, -14.1856, -23.4808

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.



111.9130, 4.9729, -55.1747



131.2260, 14.1856, 23.4808



123.2130, -23.2760, -1.0638

Square

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



131.2260, 14.1856, 23.4808



127.5090, -21.9429, 38.1416



118.9200, -12.2856, -26.2398



103.5930, 33.7247, -83.8351

Rectangle

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



131.2260, 14.1856, 23.4808



129.7500, -7.2717, 45.8233



118.9200, -12.2856, -26.2398



101.2220, 19.6106, -83.5097

Sweetspot

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



131.2260, 14.1856, 23.4808



197.5480, 5.6458, 9.1664



118.6460, 20.3875, -5.8285



97.6570, 3.6201, 5.5628



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



131.2260, 14.1856, 23.4808



164.0780, 22.1465, 36.7656



129.3160, 4.2812, 26.9099



74.3040, 2.3151, 4.1184



57.2650, 42.2674, 69.9276



6.1950, 4.3409, 7.7220

Inverse Universe

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



126.5800, -6.2019, 29.3093



156.7670, -9.7451, 45.8083



142.6840, -4.2812, -26.9099



73.3920, -1.1793, 4.9182



43.4410, -18.4584, 87.3132



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 131.2260, 14.1856, 23.4808 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 131.2260, 14.1856, 23.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

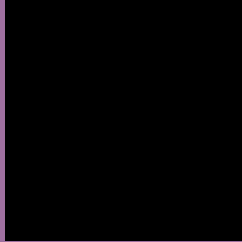
Any Text WCAG AA ✓ Pass

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 131.2260, 14.1856, 23.4808 Background



This preview shows how black text looks on a background with the YUV color 131.2260, 14.1856, 23.4808.



This preview shows how white text looks on a background with the YUV color 131.2260, 14.1856,

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

131.2260, 14.1856, 23.4808

Protanopia

127.7270, 20.8406, -11.1616

Deuteranopia

128.7620, 14.4143, -3.2993



Tritanopia

129.7900, -1.3755, 21.2322

Trichromacy



Original Color

131.2260, 14.1856, 23.4808

Protanomaly

129.1200, 18.1818, 1.6488

Deuteranomaly

129.5290, 14.5292, 6.5521

Tritanomaly

130.2830, 4.2975, 21.6768

Monochromacy



Original Color

131.2260, 14.1856, 23.4808

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1350, 5.3564, 8.6516

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2260, 14.1856, 23.4808 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(158, 112, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 112, 160)  
}
```

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(158, 112, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 112, 160) }
```

Border

The CSS property to change the border of an element to YUV 131.2260, 14.1856, 23.4808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

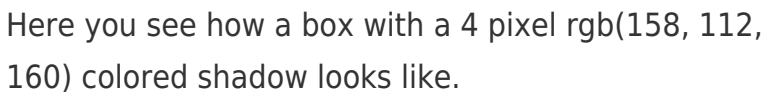
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 112, 160) }
```


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

```
.border{ border-color:rgb(158, 112, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 112, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 112, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 112, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 112,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 131.2260, 14.1856, 23.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 112, 160) }
```

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

```
.background{ background-color: rgb(158,  
112, 160) }
```

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