

Converting Colors

YUV(198.4640, -97.8428,
22.3951)

Have a look what the booklet for
YUV(198.4640, -97.8428, 22.3951)
contains.

YUV(198.4640, -97.8428, 22.3951)	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>	30

Color

**YUV(198.4640, -97.8428,
22.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E000
RGB	224, 224, 0
RGB Percent	88%, 88%, 0%
CMY	0.1216, 0.1216, 1.0000
CMYK	0.00, 0.00, 1.00, 0.12
HSL	60°, 100%, 44%
HSV	60°, 100%, 88%
XYZ	57.3961, 69.1586, 10.3238
YIQ	198.4640, 71.9040, -69.6640

Conversions

Conversions Part 2

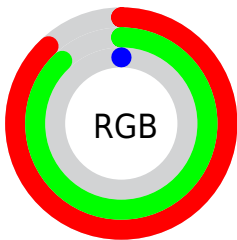
Format	Color
RYB	0, 224, 0
Decimal	14737408
CIELab	86.58, -19.54, 85.67
CIELCh	87, 87.869, 102.852
Yxy	69.1586, 0.4193, 0.5053
Android (android.graphics.Color)	4292927488 (0xFFE0E000)
YUV	198.4640, -97.8428, 22.3951
Hunter-Lab	83.1617, -22.3366, 50.8528

Details

The YUV color **198.4640, -97.8428, 22.3951** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **25.5360, 97.8428, -22.3951**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, -72.5085, 16.5963**, and **148.2390, -73.0818, 13.8224** is the 20% darker color. If you saturate the color by 10%, you get **198.4640, -97.8428, 22.3951**, and if you desaturate by 10%, it is **200.9720, -88.2332, 20.1956**.

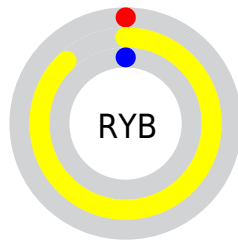
Distribution



Red (88%)

Green (88%)

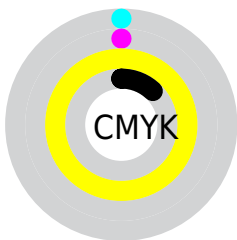
Blue (0%)



Red (0%)

Yellow (88%)

Blue (0%)

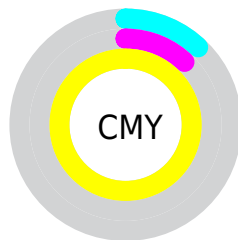


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4640, -97.8428, 22.3951 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 198.4640, -97.8428, 22.3951 by changing the saturation by 10% instead.

198.4640,
-97.8428, 22.3951

198.4640,
-97.8428, 22.3951

255.0000, 0.0000,
0.0000

173.0580,
-85.3176, 18.3661

236.0760,
-72.5085, 16.5963

148.2390,
-73.0818, 13.8224

239.6100,
-58.9677, 13.4970

124.3060,
-61.2829, 9.3786

242.9160,
-46.3006, 10.5977

100.3730,
-49.4839, 4.9349

246.3360,
-33.1966, 7.5983

77.9130, -38.4111,
0.0763

249.6420,
-20.5295, 4.6990

55.7520, -27.4857,
-4.1675

253.0620, -7.4256,

35.0640, -17.2866,

1.6996

-8.8261

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 198.4640,
-97.8428, 22.3951

■ 200.9720,
-88.2332, 20.1956

■ 203.5940,
-78.1868, 17.8961

■ 206.1020,
-68.5773, 15.6965

■ 208.7240,
-58.5309, 13.3971

■ 211.2320,
-48.9214, 11.1975

■ 213.7400,
-39.3118, 8.9980

■ 216.3620,
-29.2655, 6.6985

■ 218.8700,
-19.6559, 4.4990

■ 221.4920, -9.6096,
2.1995

Harmonies

Analogous

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



194.8140, -78.2953, 52.7831



198.4640, -97.8428, 22.3951



190.6740, -53.0833, -54.0881

Triad

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



198.4640, -97.8428, 22.3951



176.9940, 38.4570, -155.2237



188.6690, 32.7012, 58.1723

Complementary

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



198.4640, -97.8428, 22.3951



25.5360, 97.8428, -22.3951

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.



209.8010, 22.2831, 39.6395



198.4640, -97.8428, 22.3951



169.3630, 42.2190, -148.5314

Square

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



198.4640, -97.8428, 22.3951



178.2990, 35.8416, -156.3682



185.1860, 34.4183, -72.9541



175.2920, 4.2930, 69.9039

Rectangle

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



198.4640, -97.8428, 22.3951



162.2540, -12.9432, -142.2968



185.1860, 34.4183, -72.9541



195.1260, 29.5179, 52.5095

Sweetspot

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



198.4640, -97.8428, 22.3951



246.3360, -33.1966, 7.5983



66.9760, -33.0192, 137.7100



122.7560, -20.0927, 4.5990



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.



198.4640, -97.8428, 22.3951



225.9300, -111.3835, 25.4944



164.9760, -81.3332, -46.4600



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989

Inverse Universe

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



25.5360, 97.8428, -22.3951



29.0700, 111.3835, -25.4944



59.0240, 81.3332, 46.4600



102.2540, 4.8048, -1.0998



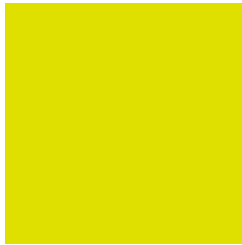
20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 198.4640, -97.8428, 22.3951 looks on a white background.

Color Contrast Check

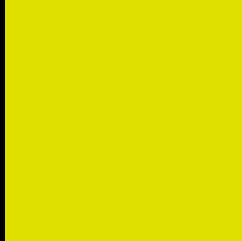
Large Text (above 18pt) WCAG AA × Fail

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 198.4640, -97.8428, 22.3951 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 ✓ Pass

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

YUV 198.4640, -97.8428, 22.3951

Background



This preview shows how black text looks on a background with the YUV color 198.4640, -97.8428, 22.3951.



This preview shows how white text looks on a background with the YUV color 198.4640, -97.8428, 22.3951.

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



Protanopia

200.3350, -98.7652, 38.2942

Deuteranopia

214.5460, -38.2302, 35.4782

Tritanopia

219.0930, 2.4192, 17.4584

Trichromacy



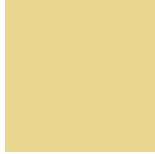
Protanomaly

200.0030, -98.6015, 32.4464



Deuteranomaly

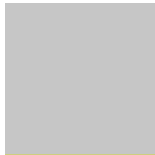
208.4920, -59.8956, 31.1405



Tritanomaly

211.8860, -33.9608, 19.3940

Monochromacy



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7660, -35.3806, 8.0982

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4640, -97.8428, 22.3951 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(224, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 0)  
}
```

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(224, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 0) }
```

Border

The CSS property to change the border of an element to YUV 198.4640, -97.8428, 22.3951 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(224, 224, 0) }
```

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

```
.border{ border-color:rgb(224, 224, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 198.4640, -97.8428, 22.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 0) }
```

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

```
.background{ background-color: rgb(224,  
224, 0) }
```

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