

Converting Colors

YUV(229.2500, -32.6613,
22.5828)

Have a look what the booklet for
YUV(229.2500, -32.6613, 22.5828)
contains.

YUV(229.2500, -32.6613, 22.5828)	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(229.2500, -32.6613,
22.5828)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5A3
RGB	255, 229, 163
RGB Percent	100%, 90%, 64%
CMY	0.0000, 0.1020, 0.3608
CMYK	0.00, 0.10, 0.36, 0.00
HSL	43°, 100%, 82%
HSV	43°, 36%, 100%
XYZ	75.8702, 79.9430, 46.0821
YIQ	229.2500, 36.6820, -15.0140

Conversions

Conversions Part 2

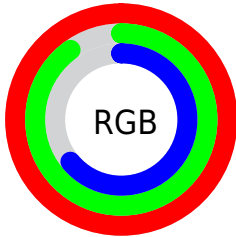
Format	Color
RYB	199, 255, 163
Decimal	16770467
CIELab	91.66, -0.23, 35.46
CIELCh	92, 35.460, 90.373
Yxy	79.9430, 0.3758, 0.3960
Android (android.graphics.Color)	4294960547 (0xFFFFE5A3)
YUV	229.2500, -32.6613, 22.5828
Hunter-Lab	89.4108, -5.0016, 32.0297

Details

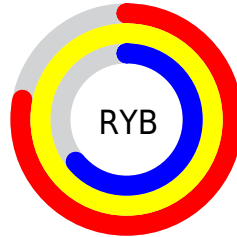
The YUV color $229.2500, -32.6613, 22.5828$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.7500, 32.6613, -22.5828$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, -16.1615, 3.6992$, and $173.6950, -30.9086, 20.4385$ is the 20% darker color. If you saturate the color by 10%, you get $222.1770, -41.9923, 28.7858$, and if you desaturate by 10%, it is $236.2090, -23.7670, 16.4797$.

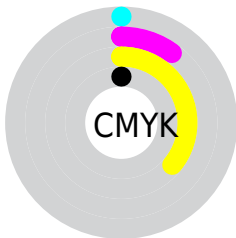
Distribution



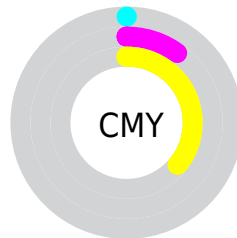
- Red (100%)
- Green (90%)
- Blue (64%)



- Red (78%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2500, -32.6613, 22.5828 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 229.2500, -32.6613, 22.5828 by changing the saturation by 10% instead.

229.2500,
-32.6613, 22.5828

229.2500,
-32.6613, 22.5828

255.0000, 0.0000,
0.0000

201.0650,
-32.0770, 21.8680

250.7820,
-16.1615, 3.6992

173.6950,
-30.9086, 20.4385

254.0880, -3.4944,
0.7998

146.5100,
-30.3244, 19.7237

120.7270,
-29.4454, 17.7794

95.6560, -28.4244,
16.9647

70.9440, -28.5664,
15.8351

49.0730, -24.1930,

13.0910

■ 29.2710, -14.4306,
8.5323

■ 6.2130, -3.0630,
2.4442

■ 229.2500,
-32.6613, 22.5828

■ 229.2500,
-32.6613, 22.5828

■ 222.1770,
-41.9923, 28.7858

■ 236.2090,
-23.7670, 16.4797

■ 215.2180,
-50.8865, 34.8888

■ 243.2820,
-14.4360, 10.2767

■ 207.5580,
-59.9281, 41.6066

■ 250.8280, -5.8312,
3.6588

■ 200.5990,
-68.8223, 47.7097

255.0000, 0.0000,
0.0000

■ 193.5260,
-78.1533, 53.9127

■ 186.5670,
-87.0475, 60.0157

■ 183.6660,
-90.5473, 62.5599

Harmonies

Analogous

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



223.9330, -25.1100, 27.2458



229.2500, -32.6613, 22.5828



225.3820, -26.3173, -5.5970

Triad

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



229.2500, -32.6613, 22.5828



212.6080, 20.8993, -76.8322



229.1720, 12.7332, 22.6512

Complementary

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



229.2500, -32.6613, 22.5828



188.7500, 32.6613, -22.5828

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.



230.2470, 12.2032, 5.9224



229.2500, -32.6613, 22.5828



215.0550, 19.6929, -63.1922

Square

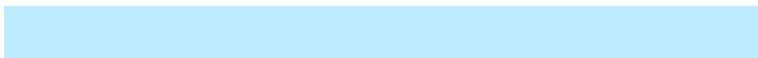
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.2500, -32.6613, 22.5828



215.7270, 7.0366, -63.7816



222.6400, 15.9535, -30.3793



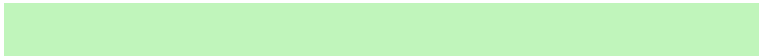
223.6150, 4.1338, 27.5246

Rectangle

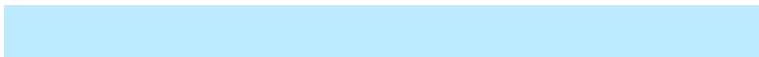
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.2500, -32.6613, 22.5828



222.5410, -17.5217, -26.7845



222.6400, 15.9535, -30.3793



231.5200, 11.5756, 20.5920

Sweetspot

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



229.2500, -32.6613, 22.5828



247.1120, -9.9152, 6.9178



193.4720, -2.2047, 53.9601



123.1270, -5.9786, 4.2736



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.



229.2500, -32.6613, 22.5828



224.2630, -39.0767, 26.9563



238.5320, -37.2373, -3.0976



124.1700, -4.5208, 3.3589



137.5280, -67.8013, 46.8949



46.1380, -22.7460, 15.6650

Inverse Universe

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



188.7500, 32.6613, -22.5828



175.7370, 39.0767, -26.9563



179.4680, 37.2373, 3.0976



118.2430, 4.8102, -2.8441



53.4720, 67.8013, -46.8949



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 229.2500, -32.6613, 22.5828 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 229.2500, -32.6613, 22.5828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

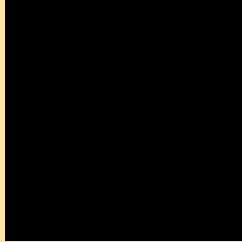
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.2500, -32.6613, 22.5828

Background



This preview shows how black text looks on a background with the YUV color 229.2500, -32.6613, 22.5828.



This preview shows how white text looks on a background with the YUV color 229.2500, -32.6613, 22.5828.

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

229.2500, -32.6613, 22.5828

Protanopia

228.7440, -31.9188, 17.7645

Deuteranopia

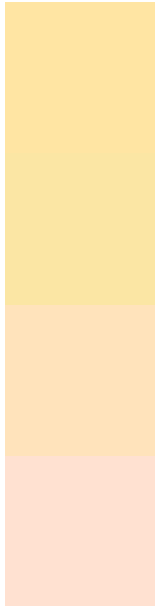
231.7070, -15.6316, 20.4280



Tritanopia

233.9360, 0.5246, 18.4731

Trichromacy



Original Color

229.2500, -32.6613, 22.5828

Protanomaly

228.7550, -31.9242, 19.5089

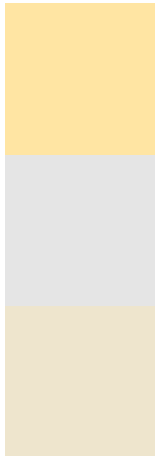
Deuteranomaly

230.8120, -21.5993, 21.2129

Tritanomaly

232.1460, -11.4110, 20.0430

Monochromacy



Original Color

229.2500, -32.6613, 22.5828

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.9550, -11.8098, 7.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2500, -32.6613, 22.5828 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(255, 229, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 163)  
}
```

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(255, 229, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 163) }
```

Border

The CSS property to change the border of an element to YUV 229.2500, -32.6613, 22.5828 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(255, 229, 163) }
```


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

```
.border{ border-color:rgb(255, 229, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 229.2500, -32.6613, 22.5828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 163) }
```

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

```
.background{ background-color: rgb(255,  
229, 163) }
```

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