

Converting Colors

YUV(213.4280, -32.7490,
4.0096)

Have a look what the booklet for
YUV(213.4280, -32.7490, 4.0096)
contains.

YUV(213.4280, -32.7490, 4.0096)	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(213.4280, -32.7490,
4.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE093
RGB	218, 224, 147
RGB Percent	85%, 88%, 58%
CMY	0.1451, 0.1216, 0.4235
CMYK	0.03, 0.00, 0.34, 0.12
HSL	65°, 55%, 73%
HSV	65°, 34%, 88%
XYZ	60.8356, 70.3233, 37.9711
YIQ	213.4280, 21.1410, -25.2190

Conversions

Conversions Part 2

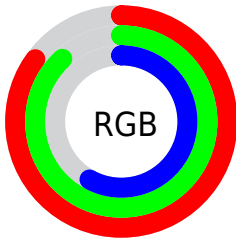
Format	Color
RYB	147, 224, 153
Decimal	14344339
CIELab	87.16, -13.73, 37.08
CIELCh	87, 39.540, 110.326
Yxy	70.3233, 0.3597, 0.4158
Android (android.graphics.Color)	4292534419 (0xFFDAE093)
YUV	213.4280, -32.7490, 4.0096
Hunter-Lab	83.8590, -17.2603, 31.8549

Details

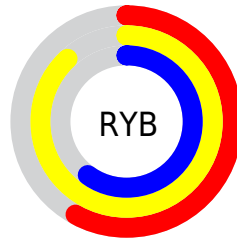
The YUV color $213.4280, -32.7490, 4.0096$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $157.5720, 32.7490, -4.0096$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.9580, -23.1503, 5.2988$, and $158.4710, -31.2912, 3.0949$ is the 20% darker color. If you saturate the color by 10%, you get $210.3220, -42.0637, 4.9796$, and if you desaturate by 10%, it is $216.5340, -23.4343, 3.0397$.

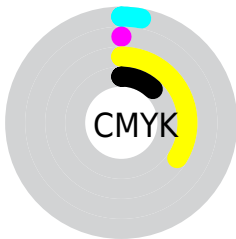
Distribution



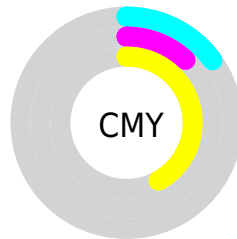
- Red (85%)
- Green (88%)
- Blue (58%)



- Red (58%)
- Yellow (88%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4280, -32.7490, 4.0096 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 213.4280, -32.7490, 4.0096 by changing the saturation by 10% instead.

■ 213.4280,
-32.7490, 4.0096

■ 213.4280,
-32.7490, 4.0096

255.0000, 0.0000,
0.0000

■ 185.6560,
-31.8754, 3.8097

■ 248.9580,
-23.1503, 5.2988

■ 158.4710,
-31.2912, 3.0949

■ 252.1500,
-10.9200, 2.4994

■ 131.6990,
-30.4176, 2.8950

■ 106.5140,
-29.8334, 2.1802

■ 81.3290, -29.2492,
1.4655

■ 58.1440, -28.6650,
0.7507

■ 38.0540, -18.7606,

-2.6784

■ 17.0450, -8.4032,
-11.4405

■ 0.0000, 0.0000,
0.0000

■ 213.4280,
-32.7490, 4.0096

■ 213.4280,
-32.7490, 4.0096

■ 210.3220,
-42.0637, 4.9796

■ 216.5340,
-23.4343, 3.0397

■ 207.4010,
-51.9627, 6.6643

■ 219.4550,
-13.5353, 1.3550

■ 204.2950,
-61.2774, 7.6343

■ 222.5610, -4.2206,
0.3850

■ 201.0750,
-71.0290, 8.7042

■ 225.7810, 5.5310,
-0.6849

■ 197.9690,
-80.3437, 9.6742

■ 228.4310, 13.0985,
-1.2550

■ 195.1620,
-89.8059, 11.2589

■ 228.7300, 12.9511,
-0.6402

■ 193.3810,
-95.3368, 11.9439

■ 229.3280, 12.6563,
0.5893

■ 229.9260, 12.3615,
1.8189

■ 230.5240, 12.0667,
3.0485

Harmonies

Analogous

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



217.1050, -36.0408, 33.2339



213.4280, -32.7490, 4.0096



208.3620, -19.4055, -29.2585

Triad

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



213.4280, -32.7490, 4.0096



195.7300, 29.2201, -85.7092



214.8100, 8.4747, 35.2466

Complementary

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



213.4280, -32.7490, 4.0096



157.5720, 32.7490, -4.0096

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.



222.4160, 16.0639, 27.6992



213.4280, -32.7490, 4.0096



205.9840, 24.1649, -50.8520

Square

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



213.4280, -32.7490, 4.0096



195.8020, 23.2686, -90.1574



215.6950, 19.3774, -8.5025



210.4780, -8.1237, 39.0458

Rectangle

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



213.4280, -32.7490, 4.0096



204.3620, -6.0945, -52.0605



215.6950, 19.3774, -8.5025



217.4660, 13.5743, 32.9173

Sweetspot

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



213.4280, -32.7490, 4.0096



251.5520, -10.6251, 1.2699



172.9580, -12.7973, 44.7638



125.5780, -6.6940, 0.3701



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.



213.4280, -32.7490, 4.0096



240.6380, -44.6845, 5.5795



202.0660, -27.1475, -19.3519



110.4470, -4.6574, 0.4850



151.7500, -74.8127, 8.9893



41.6310, -20.5241, 2.9546

Inverse Universe

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



157.5720, 32.7490, -4.0096



164.6610, 44.5371, -4.9647



168.9340, 27.1475, 19.3519



102.5530, 4.6574, -0.4850



24.2500, 74.8127, -8.9893



6.6680, 20.3767, -2.3398

Previews

White Background



This preview shows how the YUV color 213.4280, -32.7490, 4.0096 looks on a white background.

Color Contrast Check

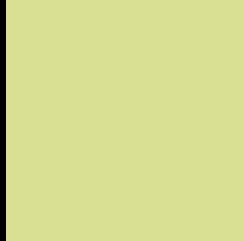
Large Text (above 18pt) WCAG AA × Fail

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 213.4280, -32.7490, 4.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

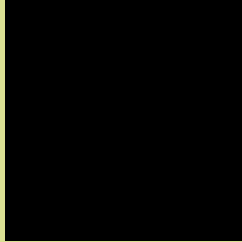
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

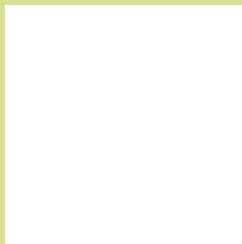
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.4280, -32.7490, 4.0096

Background



This preview shows how black text looks on a background with the YUV color 213.4280, -32.7490, 4.0096.



This preview shows how white text looks on a background with the YUV color 213.4280, -32.7490,

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

213.4280, -32.7490, 4.0096

Protanopia

215.3590, -34.6870, 18.9792

Deuteranopia

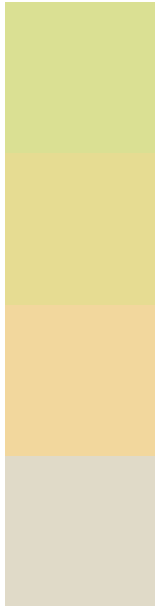
217.9830, -27.5996, 32.4639



Tritanopia

220.0100, 4.9251, 7.0072

Trichromacy



Original Color

213.4280, -32.7490, 4.0096

Protanomaly

214.5540, -33.7971, 13.5461

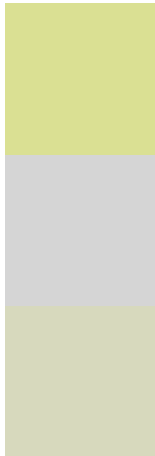
Deuteranomaly

216.4610, -29.3143, 22.3977

Tritanomaly

217.7420, -8.7468, 5.4883

Monochromacy



Original Color

213.4280, -32.7490, 4.0096

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2100, -11.9355, 1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4280, -32.7490, 4.0096 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(218, 224, 147)` looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 147)  
}
```

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(218, 224, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 147) }
```

Border

The CSS property to change the border of an element to YUV 213.4280, -32.7490, 4.0096 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(218, 224, 147) }
```


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

```
.border{ border-color:rgb(218, 224, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 224, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 224, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 224, 147);  
box-shadow:4px 4px 4px 4px rgb(218, 224,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 213.4280, -32.7490, 4.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 147) }
```

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

```
.background{ background-color: rgb(218,  
224, 147) }
```

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