

Converting Colors

YUV(216.2430, -32.1648,
3.2949)

Have a look what the booklet for
YUV(216.2430, -32.1648, 3.2949)
contains.

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Color

**YUV(216.2430, -32.1648,
3.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE397
RGB	220, 227, 151
RGB Percent	86%, 89%, 59%
CMY	0.1373, 0.1098, 0.4078
CMYK	0.03, 0.00, 0.33, 0.11
HSL	66°, 58%, 74%
HSV	66°, 33%, 89%
XYZ	62.5702, 72.3882, 39.9527
YIQ	216.2430, 20.2240, -25.1200

Conversions

Conversions Part 2

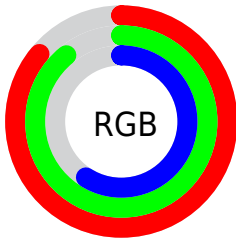
Format	Color
RYB	151, 227, 158
Decimal	14476183
CIELab	88.16, -13.99, 36.39
CIElCh	88, 38.990, 111.023
Yxy	72.3882, 0.3577, 0.4139
Android (android.graphics.Color)	4292666263 (0xFFDCE397)
YUV	216.2430, -32.1648, 3.2949
Hunter-Lab	85.0812, -17.6202, 31.7153

Details

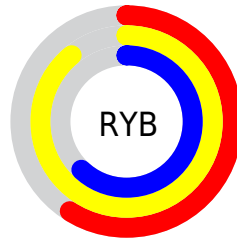
The YUV color $216.2430, -32.1648, 3.2949$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $161.7570, 32.1648, -3.2949$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $161.2860, -30.7070, 2.3802$ is the 20% darker color. If you saturate the color by 10%, you get $213.0230, -41.9163, 4.3648$, and if you desaturate by 10%, it is $219.4630, -22.4133, 2.2249$.

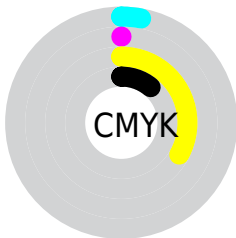
Distribution



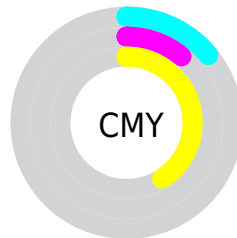
- Red (86%)
- Green (89%)
- Blue (59%)



- Red (59%)
- Yellow (89%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2430, -32.1648, 3.2949 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 216.2430, -32.1648, 3.2949 by changing the saturation by 10% instead.

■ 216.2430,
-32.1648, 3.2949

■ 216.2430,
-32.1648, 3.2949

255.0000, 0.0000,
0.0000

■ 188.4710,
-31.2912, 3.0949

■ 249.4140,
-21.4031, 4.8989

■ 161.2860,
-30.7070, 2.3802

■ 252.6060, -9.1728,
2.0995

■ 134.5140,
-29.8334, 2.1802

■ 109.3290,
-29.2492, 1.4655

■ 84.1440, -28.6650,
0.7507

■ 59.9160, -29.5386,
0.9507

■ 40.1250, -19.7816,

-1.8636

■ 19.1270, -9.4296,
-8.8814

■ 0.0000, 0.0000,
0.0000

■ 216.2430,
-32.1648, 3.2949

■ 216.2430,
-32.1648, 3.2949

■ 213.0230,
-41.9163, 4.3648

■ 219.4630,
-22.4133, 2.2249

■ 209.9170,
-51.2311, 5.3348

■ 222.5690,
-13.0985, 1.2550

■ 206.6970,
-60.9826, 6.4047

■ 225.7890, -3.3470,
0.1850

■ 203.4770,
-70.7342, 7.4747

■ 229.0090, 6.4046,
-0.8849

■ 200.3710,
-80.0489, 8.4446

■ 231.0890, 11.7881,
-0.9551

■ 196.8520,
-89.6530, 8.8998

■ 231.9860, 11.3459,
0.8893

■ 194.8430,
-96.0576, 9.7847

■ 232.5840, 11.0511,
2.1188

■ 233.1820, 10.7563,
3.3484

■ 233.7800, 10.4615,
4.5779

Harmonies

Analogous

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



219.3220, -35.1617, 31.2896



216.2430, -32.1648, 3.2949



211.1770, -18.8213, -29.9732

Triad

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



216.2430, -32.1648, 3.2949



199.8830, 27.1727, -82.3354



216.7990, 8.4801, 33.5023

Complementary

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



216.2430, -32.1648, 3.2949



161.7570, 32.1648, -3.2949

Split Complementary

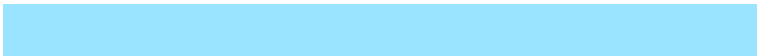
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.4760, 15.0483, 26.7695



216.2430, -32.1648, 3.2949



208.9520, 22.7017, -48.1929

Square

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



216.2430, -32.1648, 3.2949



199.1120, 23.1158, -87.7982



218.9510, 17.7722, -6.9730



212.4670, -8.1182, 37.3014

Rectangle

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



216.2430, -32.1648, 3.2949



207.4760, -5.6577, -52.1605



218.9510, 17.7722, -6.9730



219.3410, 13.1429, 31.2729

Sweetspot

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



216.2430, -32.1648, 3.2949



251.5520, -10.6251, 1.2699



177.2460, -12.9393, 43.6343



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.



216.2430, -32.1648, 3.2949



240.6810, -43.2267, 4.6648



205.1800, -26.7107, -19.4519



113.3330, -5.0942, 0.5850



153.5110, -75.6809, 7.4449



43.6910, -21.5397, 2.0250

Inverse Universe

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



161.7570, 32.1648, -3.2949



167.3190, 43.2267, -4.6648



172.8200, 26.7107, 19.4519



104.6670, 5.0942, -0.5850



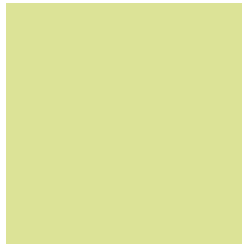
25.1900, 75.8283, -8.0596



7.3090, 21.5397, -2.0250

Previews

White Background



This preview shows how the YUV color 216.2430, -32.1648, 3.2949 looks on a white background.

Color Contrast Check

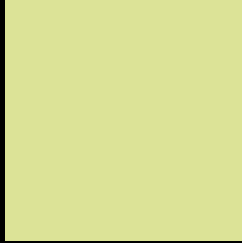
Large Text (above 18pt) WCAG AA × Fail

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 216.2430, -32.1648, 3.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

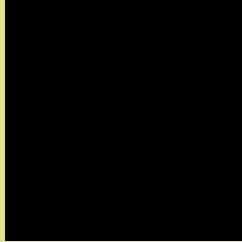
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

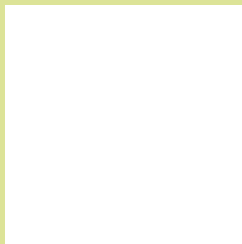
Any Text WCAG AAA ✓ Pass

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

YUV 216.2430, -32.1648, 3.2949 Background



This preview shows how black text looks on a background with the YUV color 216.2430, -32.1648, 3.2949.



This preview shows how white text looks on a background with the YUV color 216.2430, -32.1648, 3.2949.

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

216.2430, -32.1648, 3.2949

Protanopia

218.0600, -34.5396, 18.3644

Deuteranopia

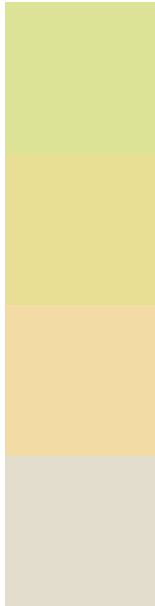
221.3570, -24.8260, 29.5049



Tritanopia

222.8250, 5.5093, 6.2925

Trichromacy



Original Color

216.2430, -32.1648, 3.2949

Protanomaly

217.2550, -33.6497, 12.9314

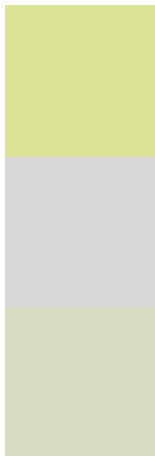
Deuteranomaly

219.6070, -27.4143, 19.6387

Tritanomaly

220.5570, -8.1626, 4.7735

Monochromacy



Original Color

216.2430, -32.1648, 3.2949

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9110, -11.7881, 0.9551

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2430, -32.1648, 3.2949 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(220, 227, 151)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 151)  
}
```

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(220, 227, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 151) }
```

Border

The CSS property to change the border of an element to YUV 216.2430, -32.1648, 3.2949 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(220, 227, 151) }
```


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

```
.border{ border-color:rgb(220, 227, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 151);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 216.2430, -32.1648, 3.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 151) }
```

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

```
.background{ background-color: rgb(220,  
227, 151) }
```

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](#).

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