

Converting Colors

YUV(199.6340, -28.4136,
13.4760)

Have a look what the booklet for
YUV(199.6340, -28.4136, 13.4760)
contains.

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Color

**YUV(199.6340, -28.4136,
13.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CB8E
RGB	215, 203, 142
RGB Percent	84%, 80%, 56%
CMY	0.1569, 0.2039, 0.4431
CMYK	0.00, 0.06, 0.34, 0.16
HSL	50°, 48%, 70%
HSV	50°, 34%, 84%
XYZ	54.2628, 59.1119, 34.1410
YIQ	199.6340, 26.7330, -16.4270

Conversions

Conversions Part 2

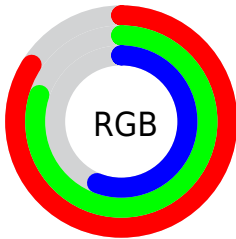
Format	Color
RYB	156, 215, 142
Decimal	14142350
CIELab	81.35, -4.84, 31.98
CIELCh	81, 32.341, 98.605
Yxy	59.1119, 0.3678, 0.4007
Android (android.graphics.Color)	4292332430 (0xFFD7CB8E)
YUV	199.6340, -28.4136, 13.4760
Hunter-Lab	76.8843, -8.5673, 27.4909

Details

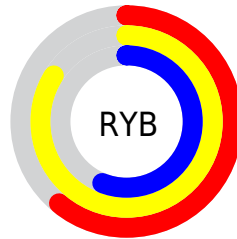
The YUV color $199.6340, -28.4136, 13.4760$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $157.3660, 28.4136, -13.4760$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.2740, -25.7711, 5.8987$, and $145.3780, -26.8084, 11.9465$ is the 20% darker color. If you saturate the color by 10%, you get $194.8920, -36.4288, 17.6347$, and if you desaturate by 10%, it is $204.4900, -19.9616, 9.2173$.

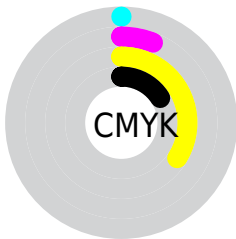
Distribution



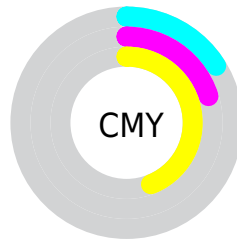
- Red (84%)
- Green (80%)
- Blue (56%)



- Red (61%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6340, -28.4136, 13.4760 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 199.6340, -28.4136, 13.4760 by changing the saturation by 10% instead.

■ 199.6340,
-28.4136, 13.4760

■ 199.6340,
-28.4136, 13.4760

■ 255.0000, 0.0000,
0.0000

■ 172.4490,
-27.8294, 12.7612

■ 248.2740,
-25.7711, 5.8987

■ 145.3780,
-26.8084, 11.9465

■ 251.4660,
-13.5407, 3.0993

■ 119.3070,
-25.7874, 11.1318

■ 254.7720, -0.8736,
0.2000

■ 94.7090, -25.4925,
9.9022

■ 70.5240, -24.9083,
9.1875

■ 47.5670, -23.4505,
8.2727

■ 28.0640, -13.8356,

4.3289

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 199.6340,
-28.4136, 13.4760

■ 199.6340,
-28.4136, 13.4760

■ 194.8920,
-36.4288, 17.6347

■ 204.4900,
-19.9616, 9.2173

■ 190.6230,
-45.1701, 21.3786

■ 208.6450,
-11.6570, 5.5733

■ 185.8810,
-53.1853, 25.5374

■ 213.5010, -3.2050,
1.3146

■ 181.6120,
-61.9267, 29.2813

■ 217.6560, 5.0996,
-2.3293

■ 176.8700,
-69.9419, 33.4400

■ 222.5120, 13.5516,
-6.5880

■ 172.6010,
-78.6833, 37.1839

■ 224.8430, 14.8674,
-8.6323

■ 169.9450,
-83.7829, 39.5132

■ 227.1910, 13.7098,
-10.6915

■ 228.9520, 12.8417,
-12.2359

■ 231.3000, 11.6841,
-14.2951

Harmonies

Analogous

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



202.5920, -27.8999, 35.4378



199.6340, -28.4136, 13.4760



196.4180, -20.9121, -12.6446

Triad

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



199.6340, -28.4136, 13.4760



186.9170, 25.6769, -69.2102



207.2230, 8.7641, 35.7614

Complementary

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



199.6340, -28.4136, 13.4760



157.3660, 28.4136, -13.4760

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.



205.7990, 21.7911, 10.7003



199.6340, -28.4136, 13.4760



192.6940, 30.7169, -52.3516

Square

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



199.6340, -28.4136, 13.4760



187.4760, 11.1043, -61.8075



200.2680, 26.9829, -21.2830



204.0210, -4.9404, 44.7086

Rectangle

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



199.6340, -28.4136, 13.4760



193.4140, -11.5431, -31.0581



200.2680, 26.9829, -21.2830



207.0310, 13.2957, 28.9138

Sweetspot

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



199.6340, -28.4136, 13.4760



249.8020, -9.7624, 4.5586



165.1950, -5.5191, 43.6790



124.4150, -6.1206, 3.1440



0.0000, 0.0000, 0.0000



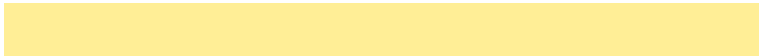
128.0000, 0.0000, 0.0000

Same Dimension

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



199.6340, -28.4136, 13.4760



233.0510, -40.9441, 19.2493



199.5020, -28.3485, -7.4563



104.5720, -4.2260, 2.1294



135.0700, -66.5895, 31.5106



33.9890, -16.7566, 7.9026

Inverse Universe

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



157.3660, 28.4136, -13.4760



172.5360, 40.6548, -19.7641



157.4980, 28.3485, 7.4563



98.4280, 4.2260, -2.1294



35.9300, 66.5895, -31.5106



9.0110, 16.7566, -7.9026

Previews

White Background



This preview shows how the YUV color 199.6340, -28.4136, 13.4760 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 199.6340, -28.4136, 13.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

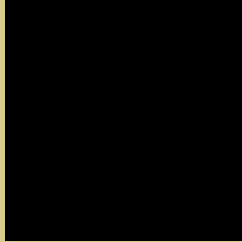
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

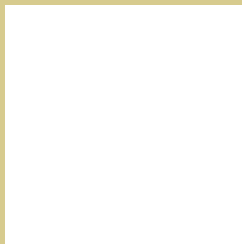
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.6340, -28.4136, 13.4760

Background



This preview shows how black text looks on a background with the YUV color 199.6340, -28.4136, 13.4760.



This preview shows how white text looks on a background with the YUV color 199.6340, -28.4136, 13.4760.

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

199.6340, -28.4136, 13.4760

Protanopia

199.9440, -28.5664, 15.8351

Deuteranopia

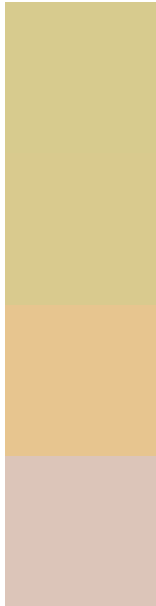
202.0540, -28.6206, 33.2786



Tritanopia

204.4950, 2.7140, 16.2289

Trichromacy



Original Color

199.6340, -28.4136, 13.4760

Protanomaly

199.6450, -28.4190, 15.2203

Deuteranomaly

201.0100, -28.5989, 26.3012

Tritanomaly

202.5090, -8.6319, 15.3396

Monochromacy



Original Color

199.6340, -28.4136, 13.4760

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6880, -10.1992, 4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6340, -28.4136, 13.4760 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(215, 203, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 142)  
}
```

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(215, 203, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 142) }
```

Border

The CSS property to change the border of an element to YUV 199.6340, -28.4136, 13.4760 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(215, 203, 142) }
```


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

```
.border{ border-color:rgb(215, 203, 142) }
```

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

Here you see how a box with a 4 pixel rgb(215, 203, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 199.6340, -28.4136, 13.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 142) }
```

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

```
.background{ background-color: rgb(215,  
203, 142) }
```

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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