

Converting Colors

YUV(199.3720, -24.3404,
13.7058)

Have a look what the booklet for
YUV(199.3720, -24.3404, 13.7058)
contains.

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Color

**YUV(199.3720, -24.3404,
13.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C996
RGB	215, 201, 150
RGB Percent	84%, 79%, 59%
CMY	0.1569, 0.2118, 0.4118
CMYK	0.00, 0.07, 0.30, 0.16
HSL	47°, 45%, 72%
HSV	47°, 30%, 84%
XYZ	54.4160, 58.4224, 37.2628
YIQ	199.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

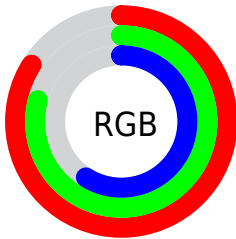
Format	Color
RYB	168, 215, 150
Decimal	14141846
CIELab	80.97, -2.81, 27.30
CIElCh	81, 27.444, 95.878
Yxy	58.4224, 0.3625, 0.3892
Android (android.graphics.Color)	4292331926 (0xFFD7C996)
YUV	199.3720, -24.3404, 13.7058
Hunter-Lab	76.4345, -6.6810, 24.5996

Details

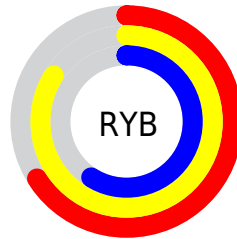
The YUV color **199.3720, -24.3404, 13.7058** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165.6280, 24.3404, -13.7058**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1860, -22.2767, 5.0989**, and **145.1160, -22.7352, 12.1763** is the 20% darker color. If you saturate the color by 10%, you get **194.0430, -32.0662, 18.3793**, and if you desaturate by 10%, it is **204.8150, -16.1778, 8.9322**.

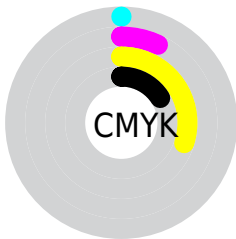
Distribution



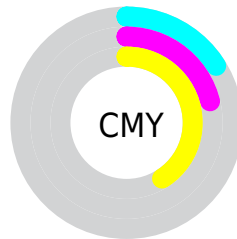
- Red (84%)
- Green (79%)
- Blue (59%)



- Red (66%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3720, -24.3404, 13.7058 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 199.3720, -24.3404, 13.7058 by changing the saturation by 10% instead.

■ 199.3720,
-24.3404, 13.7058

■ 199.3720,
-24.3404, 13.7058

255.0000, 0.0000,
0.0000

■ 172.1870,
-23.7562, 12.9910

■ 249.1860,
-22.2767, 5.0989

■ 145.1160,
-22.7352, 12.1763

■ 252.4920, -9.6096,
2.1995

■ 119.2300,
-22.2984, 12.0763

■ 94.7460, -21.5668,
10.7468

■ 70.6750, -20.5458,
9.9320

■ 47.8490, -21.1246,
8.9024

■ 28.0750, -13.8410,

6.0732

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 199.3720,
-24.3404, 13.7058

■ 199.3720,
-24.3404, 13.7058

■ 194.0430,
-32.0662, 18.3793

■ 204.8150,
-16.1778, 8.9322

■ 189.1870,
-40.5182, 22.6380

■ 209.5570, -8.1626,
4.7735

■ 183.8580,
-48.2440, 27.3115

■ 215.0000, 0.0000,
0.0000

■ 178.4150,
-56.4066, 32.0850

■ 220.3290, 7.7258,
-4.6735

■ 173.5590,
-64.8586, 36.3438

■ 224.8430, 14.8674,
-8.6323

■ 168.2300,
-72.5844, 41.0173

■ 227.7780, 13.4204,
-11.2063

■ 163.4880,
-80.5996, 45.1760

■ 230.1260, 12.2629,
-13.2655

■ 233.0610, 10.8159,
-15.8395

■ 235.9960, 9.3690,
-18.4135

Harmonies

Analogous

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



201.5360, -22.9422, 31.9789



199.3720, -24.3404, 13.7058



196.7220, -18.5969, -8.5262

Triad

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



199.3720, -24.3404, 13.7058



189.8110, 19.8132, -55.0852



205.4780, 8.6383, 29.3988

Complementary

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



199.3720, -24.3404, 13.7058



165.6280, 24.3404, -13.7058

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.



204.3810, 19.0392, 6.6819



199.3720, -24.3404, 13.7058



193.8970, 26.1798, -43.7597

Square

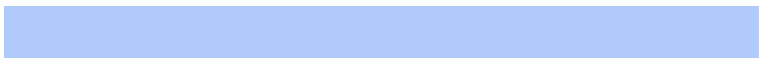
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.3720, -24.3404, 13.7058



190.2280, 7.2826, -49.3120



200.2250, 25.5251, -20.3683



204.6400, -3.7665, 41.5347

Rectangle

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



199.3720, -24.3404, 13.7058



193.9850, -10.8386, -23.6658



200.2250, 25.5251, -20.3683



205.0580, 12.2964, 22.7511

Sweetspot

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



199.3720, -24.3404, 13.7058



249.4430, -8.5994, 4.8735



171.0310, -3.4663, 38.5608



123.9420, -5.3944, 3.5589



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.



199.3720, -24.3404, 13.7058



232.7720, -34.3976, 19.4940



202.2080, -25.7385, -4.5674



104.5720, -4.2260, 2.1294



129.7870, -63.9850, 36.1438



32.8150, -16.1778, 8.9322

Inverse Universe

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



165.6280, 24.3404, -13.7058



185.2280, 34.3976, -19.4940



162.7920, 25.7385, 4.5674



99.0150, 3.9366, -2.6442



41.2130, 63.9850, -36.1438



10.1850, 16.1778, -8.9322

Previews

White Background



This preview shows how the YUV color 199.3720, -24.3404, 13.7058 looks on a white background.

Color Contrast Check

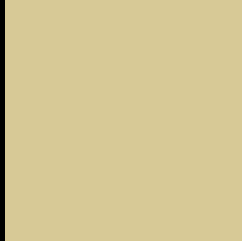
Large Text (above 18pt) WCAG AA × Fail

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 199.3720, -24.3404, 13.7058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

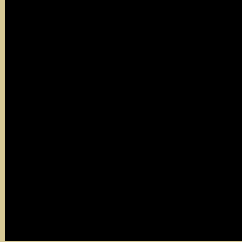
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

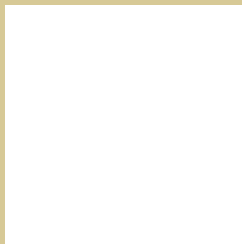
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.3720, -24.3404, 13.7058

Background



This preview shows how black text looks on a background with the YUV color 199.3720, -24.3404, 13.7058.



This preview shows how white text looks on a background with the YUV color 199.3720, -24.3404, 13.7058.

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

199.3720, -24.3404, 13.7058

Protanopia

199.6710, -24.4878, 14.3205

Deuteranopia

201.4820, -24.3946, 31.1493



Tritanopia

203.3810, 2.2772, 16.3289

Trichromacy



Original Color

199.3720, -24.3404, 13.7058

Protanomaly

199.6710, -24.4878, 14.3205

Deuteranomaly

200.7370, -24.5203, 24.7867

Tritanomaly

201.8510, -7.3215, 15.0397

Monochromacy



Original Color

199.3720, -24.3404, 13.7058

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.3290, -9.0362, 4.9735

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3720, -24.3404, 13.7058 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, 201, 150)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 150)  
}
```

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, 201, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 150) }
```

Border

The CSS property to change the border of an element to YUV 199.3720, -24.3404, 13.7058 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, 201, 150) }
```


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

```
.border{ border-color:rgb(215, 201, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 150);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 199.3720, -24.3404, 13.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 150) }
```

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

```
.background{ background-color: rgb(215,  
201, 150) }
```

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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