

Converting Colors

YUV(199.4750, -14.0382,
-24.0956)

Have a look what the booklet for
YUV(199.4750, -14.0382, -24.0956)
contains.

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Color

**YUV(199.4750, -14.0382,
-24.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDBAB
RGB	172, 219, 171
RGB Percent	67%, 86%, 67%
CMY	0.3255, 0.1412, 0.3294
CMYK	0.21, 0.00, 0.22, 0.14
HSL	119°, 40%, 76%
HSV	119°, 22%, 86%
XYZ	49.6955, 62.3740, 47.9482
YIQ	199.4750, -12.6040, -24.8920

Conversions

Conversions Part 2

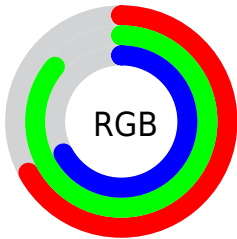
Format	Color
RYB	171, 219, 218
Decimal	11328427
CIELab	83.11, -24.40, 18.72
CIELCh	83, 30.756, 142.501
Yxy	62.3740, 0.3106, 0.3898
Android (android.graphics.Color)	4289518507 (0xFFACDBAB)
YUV	199.4750, -14.0382, -24.0956
Hunter-Lab	78.9772, -25.8911, 19.2882

Details

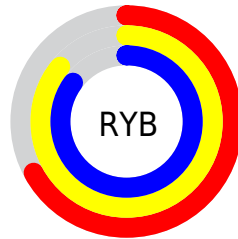
The YUV color **199.4750, -14.0382, -24.0956** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190.5250, 14.0382, 24.0956**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6210, -8.6872, -13.6996**, and **145.4150, -13.0226, -23.1660** is the 20% darker color. If you saturate the color by 10%, you get **190.6880, -20.5522, -34.8064**, and if you desaturate by 10%, it is **208.2620, -7.5242, -13.3848**.

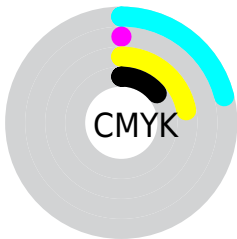
Distribution



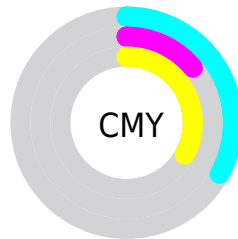
- Red (67%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (33%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4750, -14.0382, -24.0956 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 199.4750, -14.0382, -24.0956 by changing the saturation by 10% instead.

■ 199.4750,
-14.0382, -24.0956

■ 199.4750,
-14.0382, -24.0956

255.0000, 0.0000,
0.0000

■ 171.8880,
-13.7488, -23.5808

■ 243.6210, -8.6872,
-13.6996

■ 145.4150,
-13.0226, -23.1660

■ 118.9420,
-12.2964, -22.7511

■ 94.3550, -12.0070,
-22.2363

■ 69.8820, -11.2808,
-21.8215

■ 45.9250, -9.8230,
-22.7362

■ 24.0670, -11.8650,

-21.1068

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 199.4750,
-14.0382, -24.0956

■ 199.4750,
-14.0382, -24.0956

■ 190.6880,
-20.5522, -34.8064

■ 208.2620, -7.5242,
-13.3848

■ 181.6020,
-26.9188, -46.1320

■ 217.3480, -1.1576,
-2.0592

■ 172.8150,
-33.4328, -56.8428

■ 226.1350, 5.3564,
8.6516

■ 163.7290,
-39.7994, -68.1683

■ 233.8680, 10.4181,
18.5328

■ 155.0560,
-45.8766, -78.9791

■ 145.9700,
-52.2432, -90.3047

■ 137.1830,
-58.7572, -101.0155

■ 130.0480,
-64.1137, -109.6671

Harmonies

Analogous

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



203.1810, -24.7392, 1.5953



199.4750, -14.0382, -24.0956



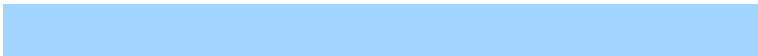
195.6320, 1.1674, -47.9123

Triad

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



199.4750, -14.0382, -24.0956



201.6530, 26.3001, -35.6527



207.2180, -10.4605, 41.9048

Complementary

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



199.4750, -14.0382, -24.0956



190.5250, 14.0382, 24.0956

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.



209.9370, 2.4961, 39.5203



199.4750, -14.0382, -24.0956



208.0420, 23.1503, -5.2988

Square

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



199.4750, -14.0382, -24.0956



195.5530, 27.8284, -59.2440



211.2690, 15.6434, 22.5661



208.0040, -22.6800, 41.2155

Rectangle

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



199.4750, -14.0382, -24.0956



193.1280, 12.2619, -59.7483



211.2690, 15.6434, 22.5661



207.7710, -5.8031, 41.4198

Sweetspot

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



199.4750, -14.0382, -24.0956



247.8650, -5.3564, -8.6516



212.3540, -20.3875, 5.8285



123.7560, -3.3307, -5.0480



0.0000, 0.0000, 0.0000



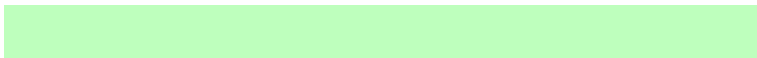
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4750, -14.0382, -24.0956



228.0410, -19.2472, -33.3620



201.6840, -4.2812, -26.9099



105.4570, -3.1833, -5.6628



102.7470, -50.6543, -86.6011



27.3010, -13.4594, -23.0660

Inverse Universe

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



190.5250, 14.0382, 24.0956



215.9590, 19.2472, 33.3620



188.3160, 4.2812, 26.9099



103.2440, 3.3307, 5.0480



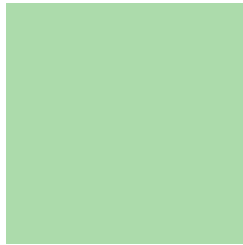
70.5520, 50.5069, 87.2159



18.6990, 13.4594, 23.0660

Previews

White Background



This preview shows how the YUV color 199.4750, -14.0382, -24.0956 looks on a white background.

Color Contrast Check

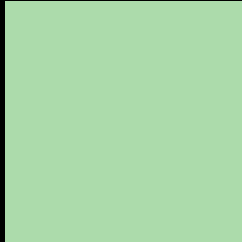
Large Text (above 18pt) WCAG AA × Fail

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 199.4750, -14.0382, -24.0956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

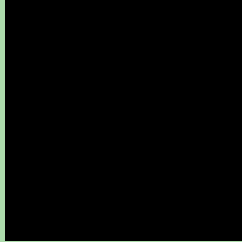
Any Text WCAG AA ✓ Pass

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 199.4750, -14.0382, -24.0956 Background



This preview shows how black text looks on a background with the YUV color 199.4750, -14.0382, -24.0956.



This preview shows how white text looks on a background with the YUV color 199.4750, -14.0382, -24.0956.

-24.0956.

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

199.4750, -14.0382, -24.0956

Protanopia

205.2130, -19.8250, 12.0912

Deuteranopia

207.6260, -16.0846, 25.7610



Tritanopia

204.2670, 11.7004, -19.5282

Trichromacy



Original Color

199.4750, -14.0382, -24.0956

Protanomaly

203.2930, -17.8924, -1.1340

Deuteranomaly

204.4450, -15.0094, 7.5027

Tritanomaly

202.4380, 2.2491, -21.4321

Monochromacy



Original Color

199.4750, -14.0382, -24.0956

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9790, -4.9196, -8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4750, -14.0382, -24.0956 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(172, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 171)  
}
```

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(172, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 171) }
```

Border

The CSS property to change the border of an element to YUV 199.4750, -14.0382, -24.0956 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(172, 219, 171) }
```


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

```
.border{ border-color:rgb(172, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 199.4750, -14.0382, -24.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 171) }
```

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

```
.background{ background-color: rgb(172,  
219, 171) }
```

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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