

Converting Colors

YUV(200.3370, -24.8161,
-20.4665)

Have a look what the booklet for
YUV(200.3370, -24.8161, -20.4665)
contains.

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Color

**YUV(200.3370, -24.8161,
-20.4665)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DE96
RGB	177, 222, 150
RGB Percent	69%, 87%, 59%
CMY	0.3059, 0.1294, 0.4118
CMYK	0.20, 0.00, 0.32, 0.13
HSL	98°, 52%, 73%
HSV	98°, 32%, 87%
XYZ	49.7578, 63.7917, 38.5447
YIQ	200.3370, -3.7080, -31.9320

Conversions

Conversions Part 2

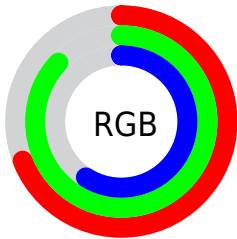
Format	Color
RYB	150, 222, 195
Decimal	11656854
CIELab	83.86, -27.44, 30.69
CIELCh	84, 41.169, 131.808
Yxy	63.7917, 0.3272, 0.4194
Android (android.graphics.Color)	4289846934 (0xFFB1DE96)
YUV	200.3370, -24.8161, -20.4665
Hunter-Lab	79.8697, -28.5688, 27.2958

Details

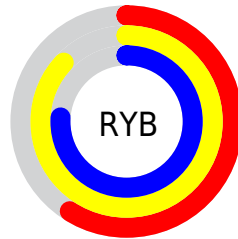
The YUV color $200.3370, -24.8161, -20.4665$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $171.6630, 24.8161, 20.4665$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.0210, -18.7444, -7.9114$, and $145.9780, -23.6532, -20.1517$ is the 20% darker color. If you saturate the color by 10%, you get $193.6430, -32.3620, -26.8739$, and if you desaturate by 10%, it is $207.0310, -17.2703, -14.0592$.

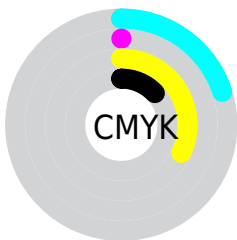
Distribution



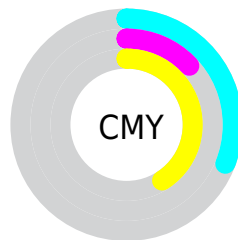
- Red (69%)
- Green (87%)
- Blue (59%)



- Red (59%)
- Yellow (87%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3370, -24.8161, -20.4665 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 200.3370, -24.8161, -20.4665 by changing the saturation by 10% instead.

■ 200.3370,
-24.8161, -20.4665

■ 200.3370,
-24.8161, -20.4665

255.0000, 0.0000,
0.0000

■ 172.8640,
-24.0900, -20.0517

■ 243.0210,
-18.7444, -7.9114

■ 145.9780,
-23.6532, -20.1517

■ 252.4920, -9.6096,
2.1995

■ 119.6190,
-22.4902, -19.8369

■ 94.1460, -21.7640,
-19.4220

■ 69.9610, -21.1798,
-20.1368

■ 45.5480, -21.4692,
-20.6516

■ 25.2410, -12.4438,

-22.1364

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 200.3370,
-24.8161, -20.4665

■ 200.3370,
-24.8161, -20.4665

■ 193.6430,
-32.3620, -26.8739

■ 207.0310,
-17.2703, -14.0592

■ 186.9490,
-39.9079, -33.2813

■ 213.7250, -9.7244,
-7.6518

■ 180.1410,
-47.8905, -39.5887

■ 220.5330, -1.7418,
-1.3444

■ 173.4470,
-55.4364, -45.9960

■ 227.2270, 5.8041,
5.0629

■ 167.0520,
-63.1296, -51.7886

■ 232.9380, 10.8766,
11.4554

■ 160.3580,
-70.6755, -58.1960

■ 235.6290, 9.5499,
16.9884

■ 155.1310,
-76.4796, -63.2589

Harmonies

Analogous

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



205.2720, -36.1231, 12.9165



200.3370, -24.8161, -20.4665



193.6820, -4.7732, -55.8491

Triad

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



200.3370, -24.8161, -20.4665



192.8940, 30.6183, -67.4360



203.5480, -4.2142, 45.1234

Complementary

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



200.3370, -24.8161, -20.4665



171.6630, 24.8161, 20.4665

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.



209.7550, 11.9528, 39.6799



200.3370, -24.8161, -20.4665



204.6870, 24.8043, -22.5275

Square

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



200.3370, -24.8161, -20.4665



181.7540, 36.1103, -102.3933



212.6150, 20.8958, 17.8776



203.5530, -21.9646, 45.1190

Rectangle

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



200.3370, -24.8161, -20.4665



187.9530, 10.8692, -79.7658



212.6150, 20.8958, 17.8776



205.0300, 1.4642, 43.8237

Sweetspot

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



200.3370, -24.8161, -20.4665



247.3660, -8.5614, -7.3370



197.3560, -23.3465, 21.6128



123.1860, -5.5147, -4.5481



0.0000, 0.0000, 0.0000



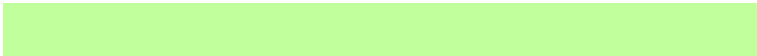
128.0000, 0.0000, 0.0000

Same Dimension

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



200.3370, -24.8161, -20.4665



225.1760, -34.1038, -28.2184



193.1760, -17.3418, -37.8654



108.6530, -3.7729, -3.2037



123.0460, -60.6617, -50.0293



33.5580, -16.5441, -13.6444

Inverse Universe

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



171.6630, 24.8161, 20.4665



185.8240, 34.1038, 28.2184



178.8240, 17.3418, 37.8654



104.3470, 3.7729, 3.2037



52.9540, 60.6617, 50.0293



14.4420, 16.5441, 13.6444

Previews

White Background



This preview shows how the YUV color 200.3370, -24.8161, -20.4665 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 200.3370, -24.8161, -20.4665 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 200.3370, -24.8161, -20.4665 Background



This preview shows how black text looks on a background with the YUV color 200.3370, -24.8161, -20.4665.



This preview shows how white text looks on a background with the YUV color 200.3370, -24.8161, -20.4665.

-20.4665.

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

200.3370, -24.8161, -20.4665

Protanopia

205.7870, -30.4610, 16.8498

Deuteranopia

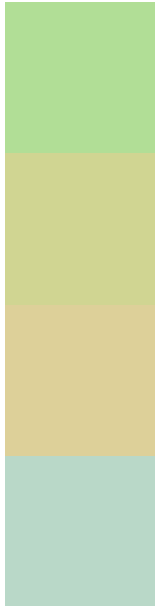
208.6240, -26.4366, 32.7788



Tritanopia

207.0610, 10.8159, -15.8395

Trichromacy



Original Color

200.3370, -24.8161, -20.4665

Protanomaly

203.8670, -28.5284, 3.6246

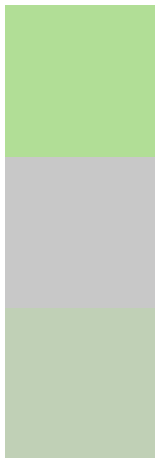
Deuteranomaly

205.6170, -25.9402, 13.4909

Tritanomaly

204.9070, -2.4192, -17.4584

Monochromacy



Original Color

200.3370, -24.8161, -20.4665

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.2520, -8.9982, -7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3370, -24.8161, -20.4665 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(177, 222, 150)` looks like.

```
.text, #text, p{  
    color:rgb(177, 222, 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(177, 222, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 222, 150) }
```

Border

The CSS property to change the border of an element to YUV 200.3370, -24.8161, -20.4665 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(177, 222, 150) }
```


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

```
.border{ border-color:rgb(177, 222, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 222, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 222, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 222, 150); box-shadow:4px 4px 4px 4px rgb(177, 222, 150) }
```

Background

The CSS property to change the background color of an element to YUV 200.3370, -24.8161, -20.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 222, 150) }
```

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

```
.background{ background-color: rgb(177,  
222, 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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