

Converting Colors

YUV(200.2320, -11.9464,
5.0585)

Have a look what the booklet for
YUV(200.2320, -11.9464, 5.0585)
contains.

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Color

**YUV(200.2320, -11.9464,
5.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	CECAB0
RGB	206, 202, 176
RGB Percent	81%, 79%, 69%
CMY	0.1922, 0.2078, 0.3098
CMYK	0.00, 0.02, 0.15, 0.19
HSL	52°, 23%, 75%
HSV	52°, 15%, 81%
XYZ	54.4106, 58.4975, 49.4977
YIQ	200.2320, 10.7300, -7.2380

Conversions

Conversions Part 2

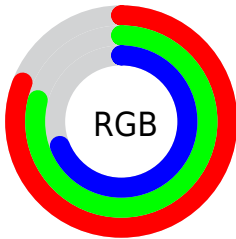
Format	Color
RYB	181, 206, 176
Decimal	13552304
CIELab	81.01, -3.00, 13.48
CIELCh	81, 13.815, 102.557
Yxy	58.4975, 0.3350, 0.3602
Android (android.graphics.Color)	4291742384 (0xFFCECAB0)
YUV	200.2320, -11.9464, 5.0585
Hunter-Lab	76.4836, -6.8611, 15.1680

Details

The YUV color $200.2320, -11.9464, 5.0585$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $181.7680, 11.9464, -5.0585$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $146.3460, -11.5096, 4.9586$ is the 20% darker color. If you saturate the color by 10%, you get $196.0770, -20.2510, 8.7025$, and if you desaturate by 10%, it is $204.3870, -3.6418, 1.4146$.

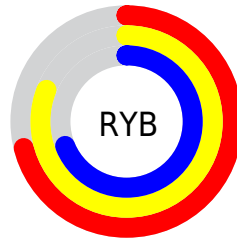
Distribution



Red (81%)

Green (79%)

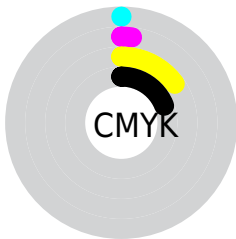
Blue (69%)



Red (71%)

Yellow (81%)

Blue (69%)

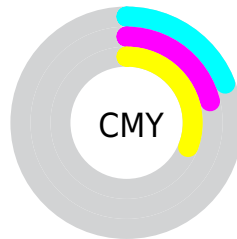


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.2320, -11.9464, 5.0585 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 200.2320, -11.9464, 5.0585 by changing the saturation by 10% instead.

■ 200.2320,
-11.9464, 5.0585

■ 200.2320,
-11.9464, 5.0585

255.0000, 0.0000,
0.0000

■ 172.9330,
-11.7990, 4.4438

■ 252.3780,
-10.0464, 2.2995

■ 146.3460,
-11.5096, 4.9586

■ 120.5740,
-10.6360, 4.7586

■ 95.3890, -10.0518,
4.0438

■ 72.0900, -9.9044,
3.4291

■ 49.3180, -9.0308,
3.2291

■ 27.9760, -10.3412,

3.5290

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 200.2320,
-11.9464, 5.0585

■ 200.2320,
-11.9464, 5.0585

■ 196.0770,
-20.2510, 8.7025

■ 204.3870, -3.6418,
1.4146

■ 192.6230,
-28.4081, 11.7316

■ 207.8410, 4.5154,
-1.6146

■ 188.4680,
-36.7127, 15.3756

■ 211.9960, 12.8200,
-5.2585

■ 184.4270,
-44.5805, 18.9195

■ 215.6950, 19.3774,
-8.5025

■ 180.2720,
-52.8851, 22.5635

■ 217.4560, 18.5092,
-10.0469

■ 176.7040,
-61.4791, 25.6926

■ 218.6300, 17.9304,
-11.0765

■ 172.6630,
-69.3469, 29.2365

■ 220.3910, 17.0622,
-12.6209

■ 168.5080,
-77.6514, 32.8805

■ 222.1520, 16.1941,
-14.1653

■ 166.6670,
-82.1668, 34.4950

■ 223.9130, 15.3259,
-15.7097

Harmonies

Analogous

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



201.8850, -12.2683, 15.0099



200.2320, -11.9464, 5.0585



198.7790, -8.2720, -6.8222

Triad

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



200.2320, -11.9464, 5.0585



197.7780, 9.9694, -24.3613



203.7940, 2.5666, 16.8437

Complementary

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



200.2320, -11.9464, 5.0585



181.7680, 11.9464, -5.0585

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.



202.9220, 8.4195, 6.2074



200.2320, -11.9464, 5.0585



199.5060, 12.5685, -17.9838

Square

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



200.2320, -11.9464, 5.0585



196.6980, 4.5859, -24.2911



201.1700, 12.2412, -6.2881



203.5190, -3.7069, 22.3468

Rectangle

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



200.2320, -11.9464, 5.0585



198.0600, -4.4666, -14.0846



201.1700, 12.2412, -6.2881



203.6410, 4.6140, 13.4698

Sweetspot

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



200.2320, -11.9464, 5.0585



253.2730, -4.0786, 1.5146



185.4260, -2.6750, 18.0434



126.6150, -2.7682, 1.2146



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.



200.2320, -11.9464, 5.0585



246.5760, -17.0460, 7.3878



199.5900, -11.6299, -3.1484



100.2730, -4.0786, 1.5146



134.1620, -66.1419, 27.9219



30.7330, -15.1514, 6.3732

Inverse Universe

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



181.7680, 11.9464, -5.0585



219.8370, 17.3354, -6.8730



182.7090, 11.4825, 3.7632



93.7270, 4.0786, -1.5146



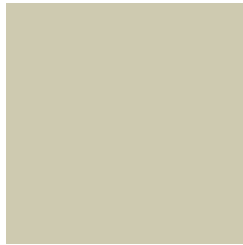
31.8380, 66.1419, -27.9219



7.2670, 15.1514, -6.3732

Previews

White Background



This preview shows how the YUV color 200.2320, -11.9464, 5.0585 looks on a white background.

Color Contrast Check

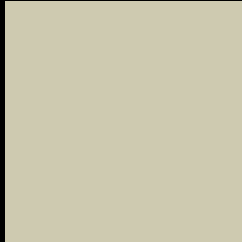
Large Text (above 18pt) WCAG AA × Fail

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 200.2320, -11.9464, 5.0585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

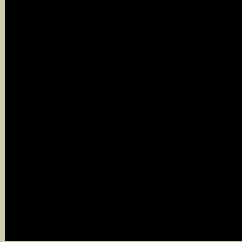
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

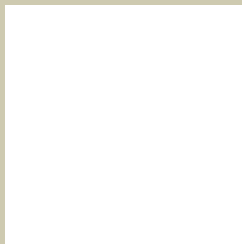
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.2320, -11.9464, 5.0585

Background



This preview shows how black text looks on a background with the YUV color 200.2320, -11.9464, 5.0585.



This preview shows how white text looks on a background with the YUV color 200.2320, -11.9464, 5.0585.

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

200.2320, -11.9464, 5.0585

Protanopia

201.0260, -12.8308, 8.7472

Deuteranopia

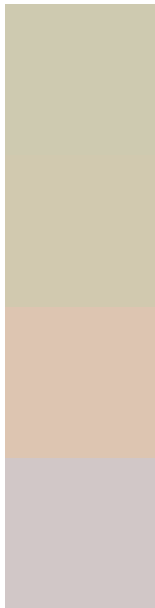
202.6410, -12.1480, 23.1168



Tritanopia

202.8960, 4.4883, 7.1072

Trichromacy



Original Color

200.2320, -11.9464, 5.0585

Protanomaly

200.4280, -12.5360, 7.5176

Deuteranomaly

201.8960, -12.2737, 16.7542

Tritanomaly

201.9900, -1.4741, 6.1478

Monochromacy



Original Color

200.2320, -11.9464, 5.0585

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1590, -4.5154, 1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.2320, -11.9464, 5.0585 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(206, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 176)  
}
```

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(206, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 176) }
```

Border

The CSS property to change the border of an element to YUV 200.2320, -11.9464, 5.0585 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(206, 202, 176) }
```


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

```
.border{ border-color:rgb(206, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 200.2320, -11.9464, 5.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 176) }
```

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

```
.background{ background-color: rgb(206,  
202, 176) }
```

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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