

Converting Colors

YUV(220.2300, -5.5364, 2.4293)

Have a look what the booklet for
YUV(220.2300, -5.5364, 2.4293)
contains.

YUV(220.2300, -5.5364, 2.4293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(220.2300, -5.5364,
2.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDD1
RGB	223, 221, 209
RGB Percent	87%, 87%, 82%
CMY	0.1255, 0.1333, 0.1804
CMYK	0.00, 0.01, 0.06, 0.13
HSL	51°, 18%, 85%
HSV	51°, 6%, 87%
XYZ	67.7965, 72.0043, 70.6466
YIQ	220.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

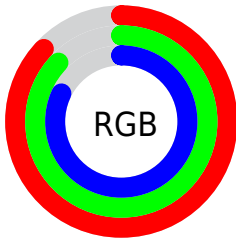
Format	Color
R _Y B	211, 223, 209
Decimal	14671313
CIE Lab	87.97, -1.40, 6.12
CIE LCh	88, 6.275, 102.934
Yxy	72.0043, 0.3222, 0.3421
Android (android.graphics.Color)	4292861393 (0xFFDFDDD1)
YUV	220.2300, -5.5364, 2.4293
Hunter-Lab	84.8554, -5.8816, 10.0367

Details

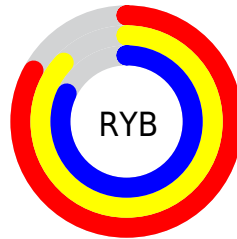
The YUV color $220.2300, -5.5364, 2.4293$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.7700, 5.5364, -2.4293$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.3440, -5.0996, 2.3293$ is the 20% darker color. If you saturate the color by 10%, you get $215.9610, -14.2778, 6.1732$, and if you desaturate by 10%, it is $224.4990, 3.2050, -1.3146$.

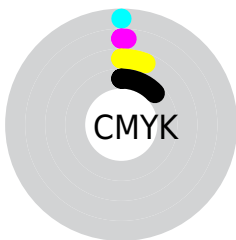
Distribution



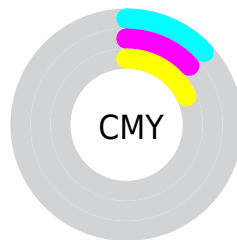
- Red (87%)
- Green (87%)
- Blue (82%)



- Red (83%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.2300, -5.5364, 2.4293 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 220.2300, -5.5364, 2.4293 by changing the saturation by 10% instead.

■ 220.2300, -5.5364,
2.4293

■ 220.2300, -5.5364,
2.4293

255.0000, 0.0000,
0.0000

■ 192.2300, -5.5364,
2.4293

■ 165.3440, -5.0996,
2.3293

■ 139.0450, -4.9522,
1.7145

■ 113.4580, -4.6628,
2.2293

■ 89.1590, -4.5154,
1.6146

■ 65.5720, -4.2260,
2.1294

■ 43.2730, -4.0786,

1.5146

■ 23.1590, -4.5154,
1.6146

■ 0.0000, 0.0000,
0.0000

■ 220.2300, -5.5364,
2.4293

■ 220.2300, -5.5364,
2.4293

■ 215.9610,
-14.2778, 6.1732

■ 224.4990, 3.2050,
-1.3146

■ 211.5780,
-23.4560, 10.0171

■ 228.8820, 12.3832,
-5.1585

■ 206.7220,
-31.9079, 14.2758

■ 231.3440, 11.6624,
-7.3177

■ 202.4530,
-40.6493, 18.0197

■ 233.1050, 10.7942,
-8.8621

■ 198.0700,
-49.8275, 21.8636

■ 234.8660, 9.9261,
-10.4065

■ 193.8010,
-58.5689, 25.6075

■ 236.6270, 9.0579,
-11.9509

■ 189.5320,
-67.3103, 29.3514

■ 238.3880, 8.1897,
-13.4953

■ 185.2630,
-76.0517, 33.0953

■ 240.1490, 7.3215,
-15.0397

■ 180.2930,
-84.9404, 37.4540

■ 242.4970, 6.1640,
-17.0989

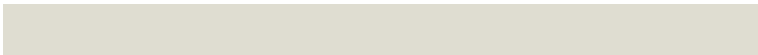
Harmonies

Analogous

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



220.8500, -5.8420, 7.1476



220.2300, -5.5364, 2.4293



219.6530, -3.7729, -3.2037

Triad

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



220.2300, -5.5364, 2.4293



219.3730, 4.2531, -10.8511



221.9840, 0.9939, 7.9070

Complementary

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



220.2300, -5.5364, 2.4293



211.7700, 5.5364, -2.4293

Split Complementary

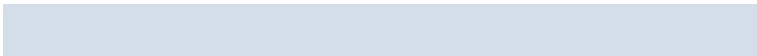
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.3470, 3.7729, 3.2037



220.2300, -5.5364, 2.4293



219.8510, 5.9895, -7.7623

Square

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



220.2300, -5.5364, 2.4293



218.8030, 2.0691, -10.3512



220.7700, 5.5364, -2.4293



222.1970, -2.0691, 10.3512

Rectangle

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



220.2300, -5.5364, 2.4293



219.3860, -2.1623, -6.4775



220.7700, 5.5364, -2.4293



221.6140, 2.1623, 6.4775

Sweetspot

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



220.2300, -5.5364, 2.4293



253.8430, -1.8946, 1.0147



213.4140, -1.1901, 8.4069



127.0710, -1.0210, 0.8147



0.0000, 0.0000, 0.0000



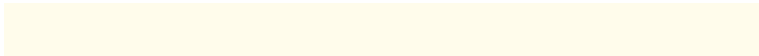
128.0000, 0.0000, 0.0000

Same Dimension

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



220.2300, -5.5364, 2.4293



250.9590, -7.8678, 3.5440



219.9090, -5.3781, -1.6742



110.1590, -4.5154, 1.6146



141.2610, -69.6417, 30.4661



39.0060, -19.2300, 7.8877

Inverse Universe

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



211.7700, 5.5364, -2.4293



239.0410, 7.8678, -3.5440



212.0910, 5.3781, 1.6742



103.4280, 4.2260, -2.1294



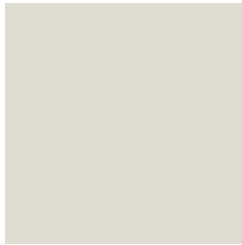
34.7390, 69.6417, -30.4661



9.5810, 18.9406, -8.4025

Previews

White Background



This preview shows how the YUV color 220.2300, -5.5364, 2.4293 looks on a white background.

Color Contrast Check

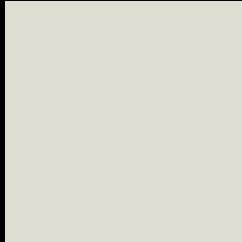
Large Text (above 18pt) WCAG AA × Fail

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 220.2300, -5.5364, 2.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

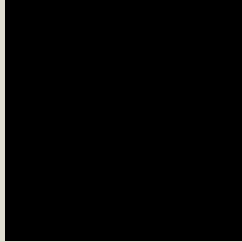
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

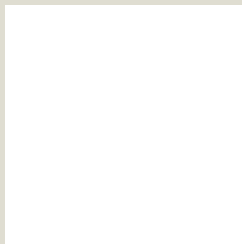
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.2300, -5.5364, 2.4293

Background



This preview shows how black text looks on a background with the YUV color 220.2300, -5.5364, 2.4293.



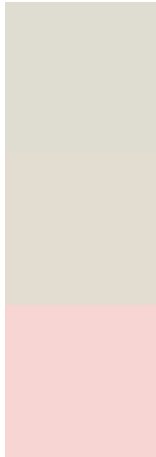
This preview shows how white text looks on a background with the YUV color 220.2300, -5.5364,

2.4293.

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

220.2300, -5.5364, 2.4293

Protanopia

220.7250, -6.2734, 5.5032

Deuteranopia

222.6390, -5.7380, 20.4876



Tritanopia

221.9280, 5.9515, 4.4481

Trichromacy



Original Color

220.2300, -5.5364, 2.4293

Protanomaly

220.4260, -6.1260, 4.8884

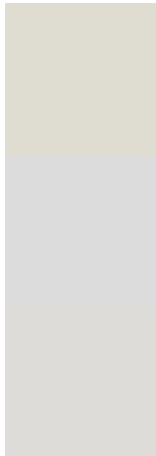
Deuteranomaly

221.8940, -5.8637, 14.1250

Tritanomaly

221.1900, 1.8783, 4.2184

Monochromacy



Original Color

220.2300, -5.5364, 2.4293

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.2300, -5.5364, 2.4293 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(223, 221, 209)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 209)  
}
```

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(223, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 209) }
```

Border

The CSS property to change the border of an element to YUV 220.2300, -5.5364, 2.4293 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(223, 221, 209) }
```


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

```
.border{ border-color:rgb(223, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 220.2300, -5.5364, 2.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 209) }
```

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

```
.background{ background-color: rgb(223,  
221, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor