

Converting Colors

YUV(223.4500, -12.5468,
11.0064)

Have a look what the booklet for
YUV(223.4500, -12.5468, 11.0064)
contains.

YUV(223.4500, -12.5468, 11.0064)	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(223.4500, -12.5468,
11.0064)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDEC6
RGB	236, 222, 198
RGB Percent	93%, 87%, 78%
CMY	0.0745, 0.1294, 0.2235
CMYK	0.00, 0.06, 0.16, 0.07
HSL	38°, 50%, 85%
HSV	38°, 16%, 93%
XYZ	70.9064, 74.1526, 64.0018
YIQ	223.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

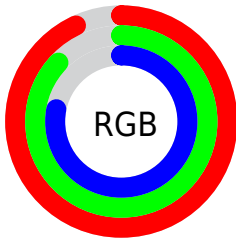
Format	Color
R _Y B	220, 236, 198
Decimal	15523526
CIE Lab	88.99, 0.91, 13.49
CIE LCh	89, 13.520, 86.136
Yxy	74.1526, 0.3392, 0.3547
Android (android.graphics.Color)	4293713606 (0xFFECDEC6)
YUV	223.4500, -12.5468, 11.0064
Hunter-Lab	86.1119, -3.7152, 16.2117

Details

The YUV color $223.4500, -12.5468, 11.0064$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.5500, 12.5469, -11.0063$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $168.2650, -11.9626, 10.2916$ is the 20% darker color. If you saturate the color by 10%, you get $215.4310, -20.4255, 18.0390$, and if you desaturate by 10%, it is $231.4690, -4.6682, 3.9737$.

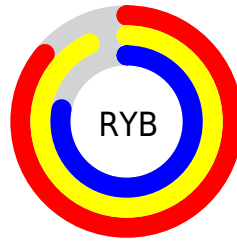
Distribution



Red (93%)

Green (87%)

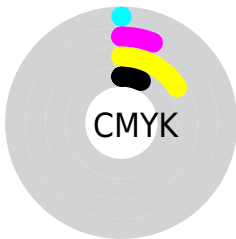
Blue (78%)



Red (86%)

Yellow (93%)

Blue (78%)

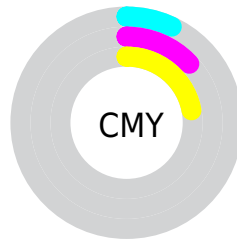


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.4500, -12.5468, 11.0064 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 223.4500, -12.5468, 11.0064 by changing the saturation by 10% instead.

■ 223.4500,
-12.5468, 11.0064

■ 223.4500,
-12.5468, 11.0064

255.0000, 0.0000,
0.0000

■ 195.5640,
-12.1101, 10.9064

■ 168.2650,
-11.9626, 10.2916

■ 141.9660,
-11.8152, 9.6768

■ 116.1940,
-10.9416, 9.4769

■ 91.8950, -10.7942,
8.8621

■ 67.8240, -9.7732,
8.0474

■ 45.6390, -9.1890,

7.3326

■ 23.9550, -11.8098,
7.9325

■ 0.0000, 0.0000,
0.0000

■ 223.4500,
-12.5468, 11.0064

■ 223.4500,
-12.5468, 11.0064

■ 215.4310,
-20.4255, 18.0390

■ 231.4690, -4.6682,
3.9737

■ 208.1130,
-28.1567, 24.4569

■ 238.7870, 3.0630,
-2.4442

■ 200.0940,
-36.0353, 31.4896

■ 245.2100, 4.8265,
-8.0772

■ 192.1890,
-43.4772, 38.4222

■ 249.3190, 2.8007,
-11.6808

■ 184.7570,
-51.6452, 44.9401

■ 176.7380,
-59.5238, 51.9728

■ 168.8330,
-66.9657, 58.9055

■ 160.8140,
-74.8443, 65.9381

■ 158.0270,
-77.9073, 68.3823

Harmonies

Analogous

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



224.9610, -10.8268, 19.3282



223.4500, -12.5468, 11.0064



221.8400, -10.7671, 0.1403

Triad

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



223.4500, -12.5468, 11.0064



219.3820, 7.2067, -24.8910



225.9720, 5.9298, 11.4256

Complementary

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



223.4500, -12.5468, 11.0064



210.5500, 12.5469, -11.0063

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.



224.8610, 10.9145, -0.7551



223.4500, -12.5468, 11.0064



220.8430, 11.4164, -21.7873

Square

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



223.4500, -12.5468, 11.0064



219.3950, 0.7913, -20.5174



222.6530, 12.9891, -12.8507



226.4200, -0.2071, 19.8027

Rectangle

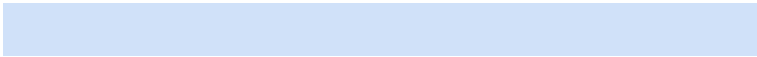
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.4500, -12.5468, 11.0064



221.1810, -7.9772, -8.0517



222.6530, 12.9891, -12.8507



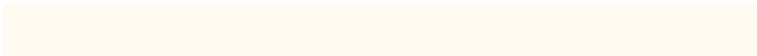
225.4060, 7.6878, 7.5369

Sweetspot

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



223.4500, -12.5468, 11.0064



250.5830, -4.2314, 3.8737



211.0720, 0.9505, 21.8619



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



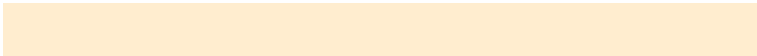
128.0000, 0.0000, 0.0000

Same Dimension

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



223.4500, -12.5468, 11.0064



238.9620, -15.7573, 14.0653



230.4720, -16.0087, 1.3401



113.3980, -3.6472, 3.1590



121.0370, -59.6712, 52.5876



36.1040, -17.7993, 15.6948

Inverse Universe

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



210.5500, 12.5469, -11.0063



222.4510, 16.0467, -13.5505



203.5280, 16.0087, -1.3401



109.6020, 3.6472, -3.1590



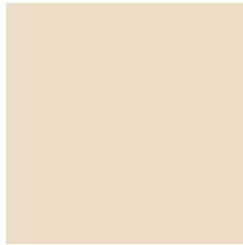
59.9630, 59.6712, -52.5876



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 223.4500, -12.5468, 11.0064 looks on a white background.

Color Contrast Check

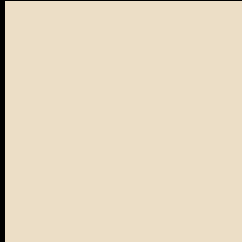
Large Text (above 18pt) WCAG AA × Fail

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 223.4500, -12.5468, 11.0064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

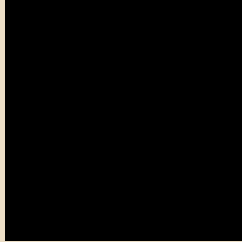
Any Text WCAG AA ✓ Pass

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 223.4500, -12.5468, 11.0064 Background



This preview shows how black text looks on a background with the YUV color 223.4500, -12.5468, 11.0064.

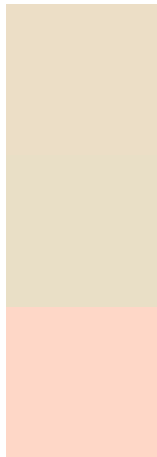


This preview shows how white text looks on a background with the YUV color 223.4500, -12.5468,

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

223.4500, -12.5468, 11.0064

Protanopia

223.1400, -12.3940, 8.6472

Deuteranopia

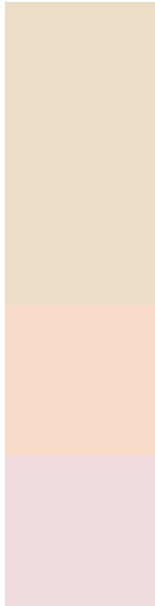
224.8370, -12.7376, 25.5760



Tritanopia

226.1140, 3.8878, 13.0550

Trichromacy



Original Color

223.4500, -12.5468, 11.0064

Protanomaly

223.4390, -12.5414, 9.2620

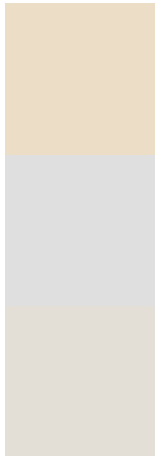
Deuteranomaly

224.5050, -12.5740, 19.7281

Tritanomaly

225.2080, -2.0745, 12.0956

Monochromacy



Original Color

223.4500, -12.5468, 11.0064

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

223.4690, -4.6682, 3.9737

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.4500, -12.5468, 11.0064 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(236, 222, 198)` looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 198)  
}
```

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(236, 222, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 198) }
```

Border

The CSS property to change the border of an element to YUV 223.4500, -12.5468, 11.0064 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(236, 222, 198) }
```


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

```
.border{ border-color:rgb(236, 222, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 198);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 223.4500, -12.5468, 11.0064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 198) }
```

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

```
.background{ background-color: rgb(236,  
222, 198) }
```

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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