

Converting Colors

YUV(223.8520, -12.2520,
9.7768)

Have a look what the booklet for
YUV(223.8520, -12.2520, 9.7768)
contains.

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Color

**YUV(223.8520, -12.2520,
9.7768)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFC7
RGB	235, 223, 199
RGB Percent	92%, 87%, 78%
CMY	0.0784, 0.1255, 0.2196
CMYK	0.00, 0.05, 0.15, 0.08
HSL	40°, 47%, 85%
HSV	40°, 15%, 92%
XYZ	70.9574, 74.5610, 64.6847
YIQ	223.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

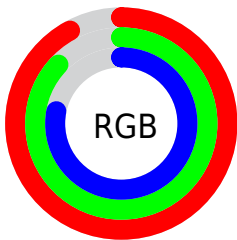
Format	Color
R_{YB}	217, 235, 199
Decimal	15458247
CIE _{Lab}	89.19, 0.19, 13.23
CIE _{LCh}	89, 13.229, 89.175
Yxy	74.5610, 0.3376, 0.3547
Android (android.graphics.Color)	4293648327 (0xFFEBDFC7)
YUV	223.8520, -12.2520, 9.7768
Hunter-Lab	86.3487, -4.4272, 16.0294

Details

The YUV color $223.8520, -12.2520, 9.7768$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.1480, 12.2520, -9.7768$, 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 $168.6670, -11.6678, 9.0620$ is the 20% darker color. If you saturate the color by 10%, you get $216.5340, -19.9833, 16.1947$, and if you desaturate by 10%, it is $231.2840, -4.0840, 3.2589$.

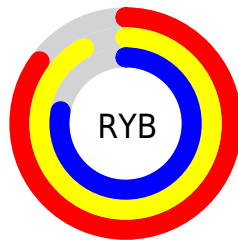
Distribution



Red (92%)

Green (87%)

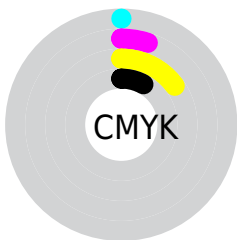
Blue (78%)



Red (85%)

Yellow (92%)

Blue (78%)

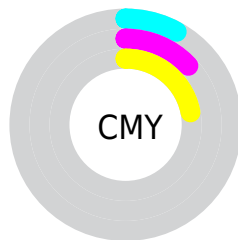


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.8520, -12.2520, 9.7768 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 223.8520, -12.2520, 9.7768 by changing the saturation by 10% instead.

■ 223.8520,
-12.2520, 9.7768

■ 223.8520,
-12.2520, 9.7768

255.0000, 0.0000,
0.0000

■ 195.9660,
-11.8152, 9.6768

■ 168.6670,
-11.6678, 9.0620

■ 142.3680,
-11.5204, 8.4473

■ 116.5960,
-10.6468, 8.2473

■ 91.7100, -10.2100,
8.1473

■ 68.4110, -10.0626,
7.5326

■ 45.9270, -9.3310,

6.2030

■ 24.6560, -11.6624,
7.3177

■ 0.0000, 0.0000,
0.0000

■ 223.8520,
-12.2520, 9.7768

■ 223.8520,
-12.2520, 9.7768

■ 216.5340,
-19.9833, 16.1947

■ 231.2840, -4.0840,
3.2589

■ 209.1020,
-28.1513, 22.7125

■ 238.6020, 3.6472,
-3.1590

■ 202.3710,
-36.1719, 28.6156

■ 244.3240, 5.2633,
-8.1771

■ 194.9390,
-44.3399, 35.1335

■ 248.4330, 3.2375,
-11.7807

■ 187.6210,
-52.0712, 41.5514

■ 249.0200, 2.9481,
-12.2955

■ 180.1890,
-60.2392, 48.0692

■ 172.8710,
-67.9704, 54.4871

■ 165.4390,
-76.1384, 61.0050

■ 162.4240,
-80.0750, 63.6492

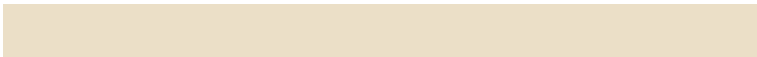
Harmonies

Analogous

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



225.2490, -10.9688, 18.1986



223.8520, -12.2520, 9.7768



222.3560, -10.0355, -1.1892

Triad

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



223.8520, -12.2520, 9.7768



219.9090, 7.9329, -24.4762



226.4560, 5.1982, 12.7551

Complementary

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



223.8520, -12.2520, 9.7768



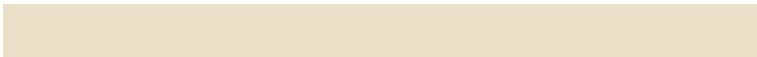
210.1480, 12.2520, -9.7768

Split Complementary

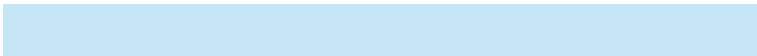
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.3450, 10.1829, 0.5744



223.8520, -12.2520, 9.7768



221.5550, 11.5584, -20.6577

Square

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



223.8520, -12.2520, 9.7768



220.2100, 1.3755, -21.2322



223.2510, 12.6943, -11.6211



226.8930, -0.9332, 19.3878

Rectangle

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



223.8520, -12.2520, 9.7768



221.1100, -6.9562, -8.8665



223.2510, 12.6943, -11.6211



226.0040, 7.3930, 8.7665

Sweetspot

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



223.8520, -12.2520, 9.7768



251.1700, -4.5208, 3.3589



211.1320, -0.0651, 20.9322



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



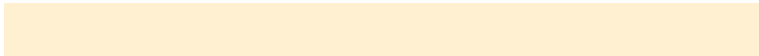
128.0000, 0.0000, 0.0000

Same Dimension

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



223.8520, -12.2520, 9.7768



240.9510, -15.7518, 12.3210



229.1020, -14.8403, -0.0895



113.3980, -3.6472, 3.1590



125.1460, -61.6970, 48.9840



37.2780, -18.3781, 14.6652

Inverse Universe

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



210.1480, 12.2520, -9.7768



223.0490, 15.7518, -12.3210



204.8980, 14.8403, 0.0895



109.0150, 3.9366, -2.6442



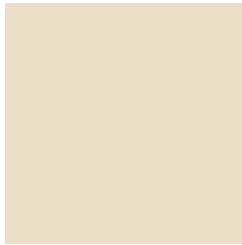
55.8540, 61.6970, -48.9840



16.7220, 18.3781, -14.6652

Previews

White Background



This preview shows how the YUV color 223.8520, -12.2520, 9.7768 looks on a white background.

Color Contrast Check

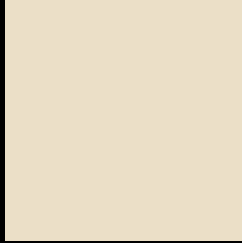
Large Text (above 18pt) WCAG AA × Fail

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 223.8520, -12.2520, 9.7768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

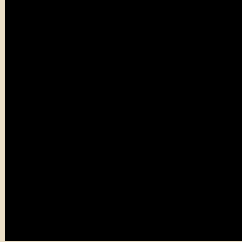
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 223.8520, -12.2520, 9.7768

Background



This preview shows how black text looks on a background with the YUV color 223.8520, -12.2520, 9.7768.



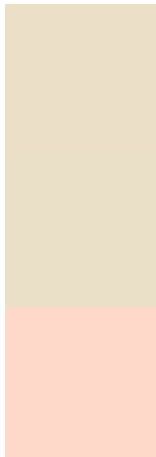
This preview shows how white text looks on a background with the YUV color 223.8520, -12.2520, 9.7768.

9.7768.

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

223.8520, -12.2520, 9.7768

Protanopia

223.5530, -12.1046, 9.1620

Deuteranopia

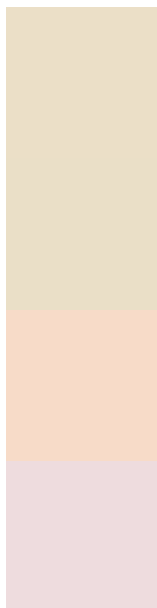
225.5380, -12.5902, 24.9612



Tritanopia

226.5160, 4.1826, 11.8255

Trichromacy



Original Color

223.8520, -12.2520, 9.7768

Protanomaly

223.5530, -12.1046, 9.1620

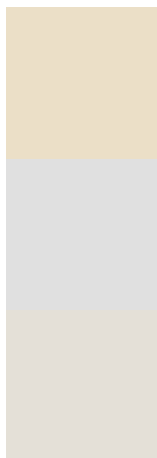
Deuteranomaly

225.2060, -12.4266, 19.1133

Tritanomaly

225.6100, -1.7797, 10.8660

Monochromacy



Original Color

223.8520, -12.2520, 9.7768

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.8520, -12.2520, 9.7768 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(235, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 199)  
}
```

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(235, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 199) }
```

Border

The CSS property to change the border of an element to YUV 223.8520, -12.2520, 9.7768 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(235, 223, 199) }
```


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

```
.border{ border-color:rgb(235, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 223.8520, -12.2520, 9.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 199) }
```

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

```
.background{ background-color: rgb(235,  
223, 199) }
```

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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