

Converting Colors

YUV(223.7500, -4.3137,
-16.4437)

Have a look what the booklet for
YUV(223.7500, -4.3137, -16.4437)
contains.

YUV(223.7500, -4.3137, -16.4437)	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(223.7500, -4.3137,
-16.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEBD7
RGB	205, 235, 215
RGB Percent	80%, 92%, 84%
CMY	0.1961, 0.0784, 0.1569
CMYK	0.13, 0.00, 0.09, 0.08
HSL	140°, 43%, 86%
HSV	140°, 13%, 92%
XYZ	67.1509, 77.3021, 75.6715
YIQ	223.7500, -11.4600, -12.5800

Conversions

Conversions Part 2

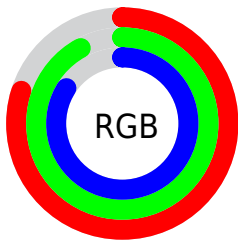
Format	Color
R_{YB}	205, 228, 235
Decimal	13495255
CIE _{Lab}	90.46, -13.56, 6.40
CIE _{LCh}	90, 14.992, 154.742
Yxy	77.3021, 0.3051, 0.3512
Android (android.graphics.Color)	4291685335 (0xFFCDEBD7)
YUV	223.7500, -4.3137, -16.4437
Hunter-Lab	87.9216, -17.5319, 10.5160

Details

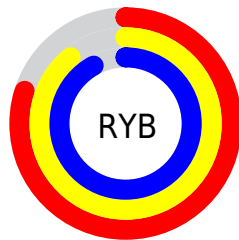
The YUV color **223.7500, -4.3137, -16.4437** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **216.2500, 4.3137, 16.4438**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **168.4620, -4.1718, -15.3142** is the 20% darker color. If you saturate the color by 10%, you get **215.0490, -7.9122, -28.9840**, and if you desaturate by 10%, it is **232.7500, -0.8628, -3.2887**.

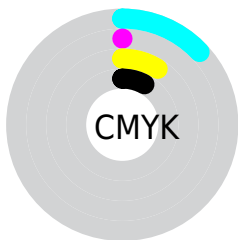
Distribution



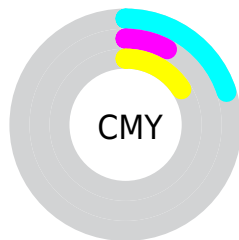
- Red (80%)
- Green (92%)
- Blue (84%)



- Red (80%)
- Yellow (89%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.7500, -4.3137, -16.4437 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 223.7500, -4.3137, -16.4437 by changing the saturation by 10% instead.

■ 223.7500, -4.3137,
-16.4437

■ 223.7500, -4.3137,
-16.4437

255.0000, 0.0000,
0.0000

■ 195.7500, -4.3137,
-16.4438

■ 168.4620, -4.1718,
-15.3142

■ 141.8750, -3.8824,
-14.7994

■ 115.9890, -3.4456,
-14.8994

■ 91.4020, -3.1562,
-14.3846

■ 67.7010, -3.3036,
-13.7698

■ 45.2280, -2.5774,

-13.3550

■ 24.2280, -2.5774,
-13.3550

■ 1.7610, -0.8682,
-1.5444

■ 223.7500, -4.3137,
-16.4437

■ 223.7500, -4.3137,
-16.4437

■ 215.0490, -7.9122,
-28.9840

■ 232.7500, -0.8628,
-3.2887

■ 206.1630,
-10.9264, -42.2390

■ 241.3370, 2.2989,
9.3515

■ 197.4620,
-14.5248, -54.7792

■ 243.2600, 5.7878,
10.2960

■ 188.4620,
-17.9758, -67.9342

■ 179.8750,
-21.1374, -80.5744

■ 170.8750,
-24.5884, -93.7294

■ 162.1740,
-28.1868, -106.2696

■ 153.2880,
-31.2010, -119.5246

■ 146.8370,
-33.9366, -128.7760

Harmonies

Analogous

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



225.5190, -10.6089, -3.9632



223.7500, -4.3137, -16.4437



222.6440, 3.1335, -25.1208

Triad

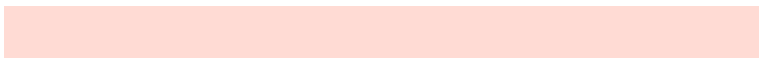
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.7500, -4.3137, -16.4437



227.1910, 13.7098, -10.6915



228.9660, -8.3642, 22.8318

Complementary

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



223.7500, -4.3137, -16.4437



216.2500, 4.3137, 16.4438

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.



229.9750, -1.9597, 21.9469



223.7500, -4.3137, -16.4437



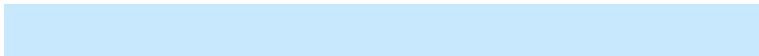
229.1820, 10.7563, 3.3484

Square

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



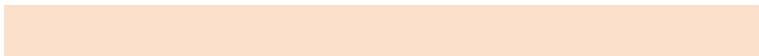
223.7500, -4.3137, -16.4437



224.8260, 13.8898, -21.7724



230.3640, 4.7505, 16.3438



228.6790, -13.1527, 18.6985

Rectangle

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



223.7500, -4.3137, -16.4437



222.8870, 7.9437, -27.9649



230.3640, 4.7505, 16.3438



228.8350, -6.3277, 22.9467

Sweetspot

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



223.7500, -4.3137, -16.4437



251.2120, -1.5835, -5.4479



228.5900, -11.6299, -3.1484



125.3370, -1.1521, -3.8035



0.0000, 0.0000, 0.0000



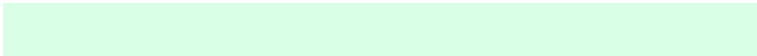
128.0000, 0.0000, 0.0000

Same Dimension

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



223.7500, -4.3137, -16.4437



240.7880, -5.3185, -20.8621



225.4600, 2.2382, -17.9434



112.7990, -1.8729, -5.9627



113.0870, -26.1719, -99.1773



33.7500, -7.7648, -29.5987

Inverse Universe

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



216.2500, 4.3137, 16.4438



231.2120, 5.3185, 20.8621



214.5400, -2.2382, 17.9434



110.0870, 1.4361, 6.0627



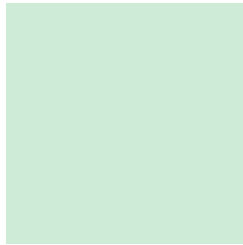
67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 223.7500, -4.3137, -16.4437 looks on a white background.

Color Contrast Check

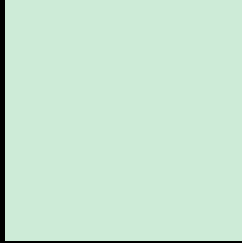
Large Text (above 18pt) WCAG AA × Fail

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 223.7500, -4.3137, -16.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

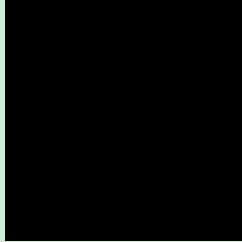
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

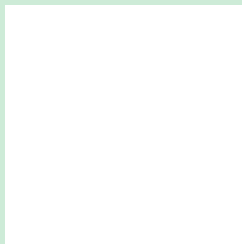
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 223.7500, -4.3137, -16.4437

Background



This preview shows how black text looks on a background with the YUV color 223.7500, -4.3137, -16.4437.



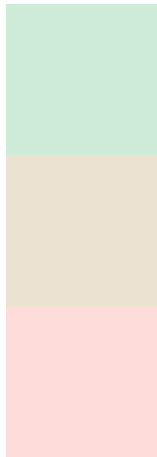
This preview shows how white text looks on a background with the YUV color 223.7500, -4.3137, -16.4437.

-16.4437.

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

223.7500, -4.3137, -16.4437

Protanopia

226.8670, -8.3154, 7.1326

Deuteranopia

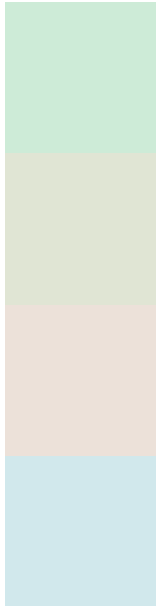
229.6390, -5.7380, 20.4876



Tritanopia

226.3710, 10.6631, -13.4804

Trichromacy



Original Color

223.7500, -4.3137, -16.4437

Protanomaly

225.5670, -6.6885, -1.3743

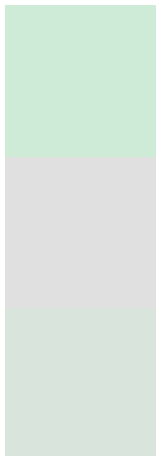
Deuteranomaly

227.3770, -5.1159, 7.5624

Tritanomaly

225.5790, 5.1376, -14.5398

Monochromacy



Original Color

223.7500, -4.3137, -16.4437

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.9130, -1.4361, -6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.7500, -4.3137, -16.4437 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(205, 235, 215)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 215)  
}
```

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(205, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 215) }
```

Border

The CSS property to change the border of an element to YUV 223.7500, -4.3137, -16.4437 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(205, 235, 215) }
```


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

```
.border{ border-color:rgb(205, 235, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(205, 235,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 223.7500, -4.3137, -16.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 215) }
```

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

```
.background{ background-color: rgb(205,  
235, 215) }
```

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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