

Converting Colors

YUV(224.7500, 2.5883, 9.8663)

Have a look what the booklet for
YUV(224.7500, 2.5883, 9.8663)
contains.

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Color

**YUV(224.7500, 2.5883,
9.8663)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDAE6
RGB	236, 218, 230
RGB Percent	93%, 85%, 90%
CMY	0.0745, 0.1451, 0.0980
CMYK	0.00, 0.08, 0.03, 0.07
HSL	320°, 32%, 89%
HSV	320°, 8%, 93%
XYZ	73.9464, 73.6888, 85.1889
YIQ	224.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

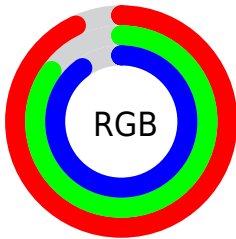
Format	Color
R _Y B	236, 218, 230
Decimal	15522534
CIE Lab	88.78, 8.25, -3.64
CIE LCh	89, 9.016, 336.160
Yxy	73.6888, 0.3176, 0.3165
Android (android.graphics.Color)	4293712614 (0xFFE0DAE6)
YUV	224.7500, 2.5883, 9.8663
Hunter-Lab	85.8422, 3.5400, 1.2508

Details

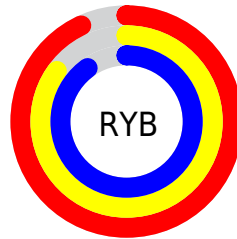
The YUV color `224.7500, 2.5883, 9.8663` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `229.2500, -2.5882, -9.8663`, and the grayscale version is `225.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `169.4510, 2.7357, 9.2515` is the 20% darker color. If you saturate the color by 10%, you get `209.7500, 6.0393, 23.0212`, and if you desaturate by 10%, it is `239.7500, -0.8628, -3.2887`.

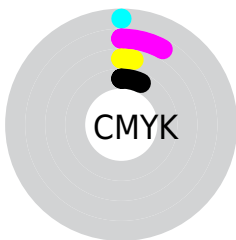
Distribution



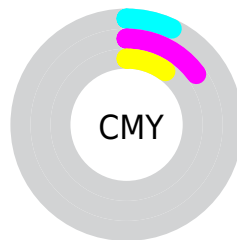
- Red (93%)
- Green (85%)
- Blue (90%)



- Red (93%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.7500, 2.5883, 9.8663 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 224.7500, 2.5883, 9.8663 by changing the saturation by 10% instead.

224.7500, 2.5883,
9.8663

224.7500, 2.5883,
9.8663

255.0000, 0.0000,
0.0000

196.7500, 2.5883,
9.8663

169.4510, 2.7357,
9.2515

143.0380, 2.4463,
8.7367

117.0380, 2.4463,
8.7367

92.6250, 2.1569,
8.2219

69.3260, 2.3043,
7.6071

46.9130, 2.0149,

7.0923

■ 25.9130, 2.0149,
7.0923

■ 2.2500, 0.8628,
3.2887

■ 224.7500, 2.5883,
9.8663

■ 224.7500, 2.5883,
9.8663

■ 209.7500, 6.0393,
23.0212

■ 239.7500, -0.8628,
-3.2887

■ 195.3370, 9.2009,
35.6615

■ 248.2930, -1.1304,
-10.7810

■ 180.3370, 12.6519,
48.8165

■ 249.2050, 2.3639,
-11.5808

■ 166.0380, 16.2503,
61.3567

■ 249.3190, 2.8007,
-11.6808

■ 151.0380, 19.7013,
74.5117

■ 136.0380, 23.1523,
87.6667

■ 121.6250, 26.3139,
100.3069

■ 106.6250, 29.7649,
113.4619

■ 92.2120, 32.9265,
126.1021

Harmonies

Analogous

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



224.0310, 6.3937, 2.6038



224.7500, 2.5883, 9.8663



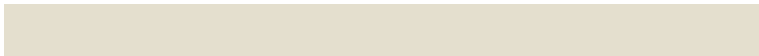
224.6320, -1.7906, 14.3547

Triad

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



224.7500, 2.5883, 9.8663



222.5570, -8.1626, 4.7735



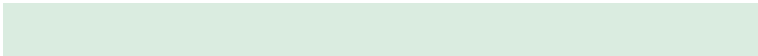
220.7960, 6.0166, -16.4841

Complementary

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



224.7500, 2.5883, 9.8663



229.2500, -2.5882, -9.8663

Split Complementary

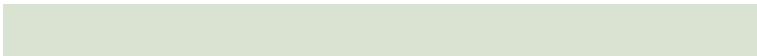
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.0690, 1.9380, -14.9695



224.7500, 2.5883, 9.8663



221.6700, -6.2463, -3.2186

Square

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



224.7500, 2.5883, 9.8663



223.6010, -8.1843, 11.7509



220.3640, -2.1515, -9.9662



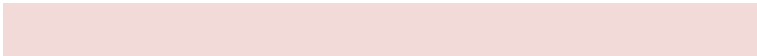
221.6870, 8.0423, -12.8805

Rectangle

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



224.7500, 2.5883, 9.8663



224.9480, -4.4114, 14.9546



220.3640, -2.1515, -9.9662



220.4540, 4.7062, -16.1842

Sweetspot

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



224.7500, 2.5883, 9.8663



251.8370, 0.5734, 2.7740



221.8460, 6.9779, 1.8891



126.1250, 0.4314, 1.6444



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.



224.7500, 2.5883, 9.8663



240.5870, 3.1616, 12.6402



223.7240, -1.3429, 10.7661



110.0870, 1.4361, 6.0627



67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Inverse Universe

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



224.7500, 2.5883, 9.8663



240.5870, 3.1616, 12.6402



230.2760, 1.3429, -10.7661



110.0870, 1.4361, 6.0627



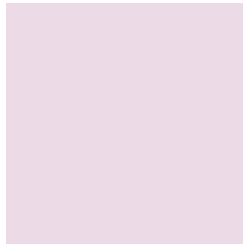
67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 224.7500, 2.5883, 9.8663 looks on a white background.

Color Contrast Check

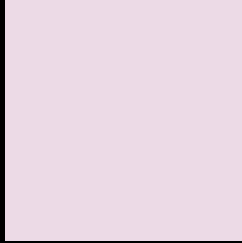
Large Text (above 18pt) WCAG AA × Fail

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 224.7500, 2.5883, 9.8663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

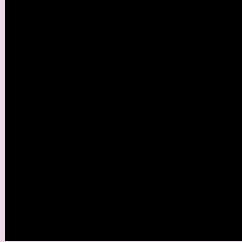
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.7500, 2.5883, 9.8663

Background



This preview shows how black text looks on a background with the YUV color 224.7500, 2.5883, 9.8663.



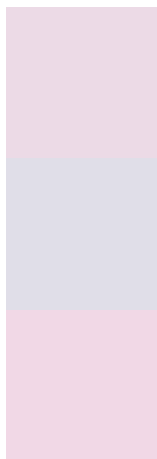
This preview shows how white text looks on a background with the YUV color 224.7500, 2.5883,

9.8663.

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

224.7500, 2.5883, 9.8663

Protanopia

223.7380, 4.0732, 0.2298

Deuteranopia

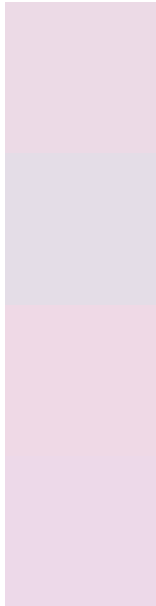
225.0710, 2.4300, 13.9697



Tritanopia

224.9180, 4.4774, 10.5959

Trichromacy



Original Color

224.7500, 2.5883, 9.8663

Protanomaly

224.2330, 3.3361, 3.3037

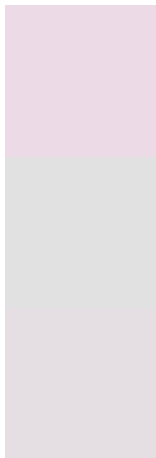
Deuteranomaly

225.0600, 2.4354, 12.2254

Tritanomaly

224.8040, 4.0406, 10.6959

Monochromacy



Original Color

224.7500, 2.5883, 9.8663

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.6630, 1.1521, 3.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.7500, 2.5883, 9.8663 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, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 230)  
}
```

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, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 230) }
```

Border

The CSS property to change the border of an element to YUV 224.7500, 2.5883, 9.8663 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, 218, 230) }
```


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

```
.border{ border-color:rgb(236, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 224.7500, 2.5883, 9.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 230) }
```

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

```
.background{ background-color: rgb(236,  
218, 230) }
```

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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