

Converting Colors

YUV(220.3430, -0.1691, 7.5922)

Have a look what the booklet for
YUV(220.3430, -0.1691, 7.5922)
contains.

YUV(220.3430, -0.1691, 7.5922)	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(220.3430, -0.1691,
7.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D8DC
RGB	229, 216, 220
RGB Percent	90%, 85%, 86%
CMY	0.1020, 0.1529, 0.1373
CMYK	0.00, 0.06, 0.04, 0.10
HSL	342°, 20%, 87%
HSV	342°, 6%, 90%
XYZ	69.7872, 70.9371, 77.7242
YIQ	220.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

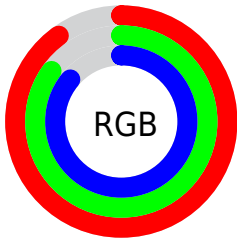
Format	Color
R _Y B	229, 216, 220
Decimal	15063260
CIE Lab	87.45, 5.15, -0.37
CIE LCh	87, 5.165, 355.857
Yxy	70.9371, 0.3195, 0.3247
Android (android.graphics.Color)	4293253340 (0xFFE5D8DC)
YUV	220.3430, -0.1691, 7.5922
Hunter-Lab	84.2241, 0.5110, 4.2426

Details

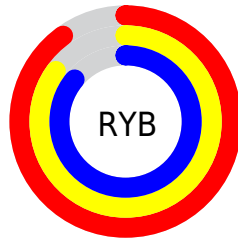
The YUV color $220.3430, -0.1691, 7.5922$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.6570, 0.1691, -7.5922$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.3430, -0.1691, 7.5922$ is the 20% darker color. If you saturate the color by 10%, you get $205.0180, -0.5019, 21.0322$, and if you desaturate by 10%, it is $235.6680, 0.1637, -5.8478$.

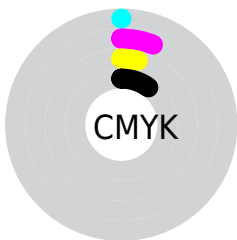
Distribution



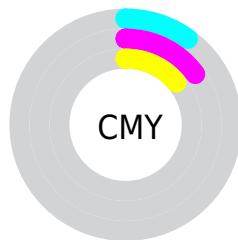
- Red (90%)
- Green (85%)
- Blue (86%)



- Red (90%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.3430, -0.1691, 7.5922 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 220.3430, -0.1691, 7.5922 by changing the saturation by 10% instead.

■ 220.3430, -0.1691,
7.5922

■ 220.3430, -0.1691,
7.5922

255.0000, 0.0000,
0.0000

■ 192.3430, -0.1691,
7.5922

■ 165.3430, -0.1691,
7.5922

■ 139.0440, -0.0217,
6.9774

■ 113.6310, -0.3111,
6.4626

■ 88.7450, 0.1257,
6.3626

■ 65.7450, 0.1257,
6.3626

■ 43.3320, -0.1637,

5.8478

■ 23.0330, -0.0163,
5.2331

■ 0.0000, 0.0000,
0.0000

■ 220.3430, -0.1691,
7.5922

■ 220.3430, -0.1691,
7.5922

■ 205.0180, -0.5019,
21.0322

■ 235.6680, 0.1637,
-5.8478

■ 189.6930, -0.8346,
34.4722

■ 246.8840, 2.5222,
-15.6843

■ 174.3680, -1.1674,
47.9123

■ 247.2260, 3.8326,
-15.9842

■ 159.1570, -1.0634,
61.2523

■ 144.4190, -1.6856,
74.1775

■ 129.0940, -2.0183,
87.6176

■ 113.7690, -2.3511,
101.0576

■ 98.4440, -2.6839,
114.4976

■ 83.1190, -3.0167,
127.9376

Harmonies

Analogous

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



220.3040, 2.3151, 4.1184



220.3430, -0.1691, 7.5922



220.0720, -2.5005, 8.7069

Triad

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



220.3430, -0.1691, 7.5922



218.5610, -4.2206, 0.3850



218.0960, 4.3897, -7.9772

Complementary

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



220.3430, -0.1691, 7.5922



224.6570, 0.1691, -7.5922

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.



217.6290, 2.6479, -9.3216



220.3430, -0.1691, 7.5922



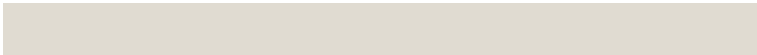
217.8100, -1.8783, -4.2184

Square

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



220.3430, -0.1691, 7.5922



219.3550, -5.1050, 4.0737



217.6570, 0.1691, -7.5922



219.2320, 4.8156, -4.5885

Rectangle

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



220.3430, -0.1691, 7.5922



220.0180, -3.9529, 7.8772



217.6570, 0.1691, -7.5922



218.2700, 3.8109, -9.0068

Sweetspot

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



220.3430, -0.1691, 7.5922



251.6090, -0.3002, 2.9739



220.1730, 4.3517, 4.2333



126.0110, -0.0054, 1.7444



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.



220.3430, -0.1691, 7.5922



243.0660, -0.0325, 10.4661



221.0610, -2.4951, 6.9625



108.9190, -0.4531, 5.3330



59.7910, -2.3620, 104.5463



17.0730, -0.5290, 29.7540

Inverse Universe

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



220.3430, -0.1691, 7.5922



243.0660, -0.0325, 10.4661



223.9390, 2.4951, -6.9625



108.9190, -0.4531, 5.3330



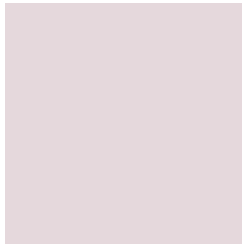
59.7910, -2.3620, 104.5463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 220.3430, -0.1691, 7.5922 looks on a white background.

Color Contrast Check

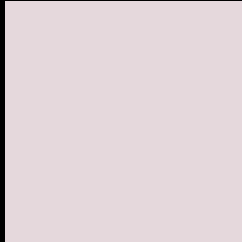
Large Text (above 18pt) WCAG AA × Fail

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 220.3430, -0.1691, 7.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

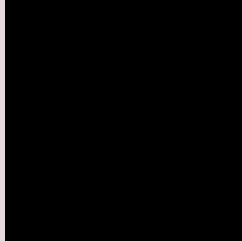
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

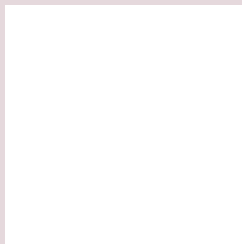
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.3430, -0.1691, 7.5922

Background



This preview shows how black text looks on a background with the YUV color 220.3430, -0.1691, 7.5922.



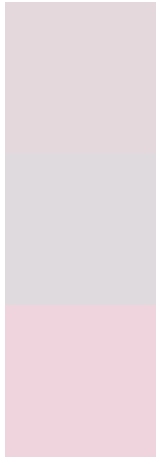
This preview shows how white text looks on a background with the YUV color 220.3430, -0.1691,

7.5922.

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

220.3430, -0.1691, 7.5922

Protanopia

219.5380, 0.7208, 2.1592

Deuteranopia

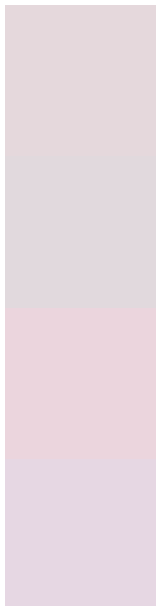
221.0990, -0.0488, 15.6992



Tritanopia

221.0210, 4.9196, 8.7516

Trichromacy



Original Color

220.3430, -0.1691, 7.5922

Protanomaly

219.8480, 0.5679, 4.5183

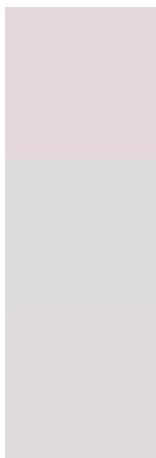
Deuteranomaly

220.4900, 0.2514, 12.7253

Tritanomaly

220.8530, 3.0305, 8.0219

Monochromacy



Original Color

220.3430, -0.1691, 7.5922

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.3430, -0.1691, 7.5922 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(229, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 220)  
}
```

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(229, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 220) }
```

Border

The CSS property to change the border of an element to YUV 220.3430, -0.1691, 7.5922 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(229, 216, 220) }
```


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

```
.border{ border-color:rgb(229, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 220.3430, -0.1691, 7.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 220) }
```

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

```
.background{ background-color: rgb(229,  
216, 220) }
```

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