

Converting Colors

YUV(228.0920, 0.4476, -3.5887)

Have a look what the booklet for
YUV(228.0920, 0.4476, -3.5887)
contains.

YUV(228.0920, 0.4476, -3.5887)	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(228.0920, 0.4476,
-3.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6E5
RGB	224, 230, 229
RGB Percent	88%, 90%, 90%
CMY	0.1216, 0.0980, 0.1020
CMYK	0.03, 0.00, 0.00, 0.10
HSL	170°, 11%, 89%
HSV	170°, 3%, 90%
XYZ	73.1801, 78.0981, 85.3462
YIQ	228.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

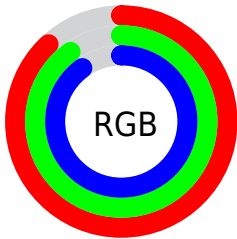
Format	Color
R _Y B	224, 227, 230
Decimal	14739173
CIE Lab	90.82, -2.18, -0.22
CIE LCh	91, 2.192, 185.865
Yxy	78.0981, 0.3093, 0.3301
Android (android.graphics.Color)	4292929253 (0xFFE0E6E5)
YUV	228.0920, 0.4476, -3.5887
Hunter-Lab	88.3731, -6.8404, 4.6020

Details

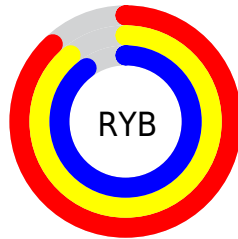
The YUV color $228.0920, 0.4476, -3.5887$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.9080, -0.4476, 3.5887$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.0920, 0.4476, -3.5887$ is the 20% darker color. If you saturate the color by 10%, you get $220.7590, 2.0908, -17.3286$, and if you desaturate by 10%, it is $235.4250, -1.1955, 10.1513$.

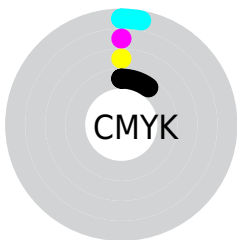
Distribution



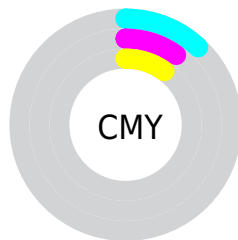
- Red (88%)
- Green (90%)
- Blue (90%)



- Red (88%)
- Yellow (89%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0920, 0.4476, -3.5887 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 228.0920, 0.4476, -3.5887 by changing the saturation by 10% instead.

■ 228.0920, 0.4476,
-3.5887

■ 228.0920, 0.4476,
-3.5887

255.0000, 0.0000,
0.0000

■ 200.0920, 0.4476,
-3.5887

■ 173.0920, 0.4476,
-3.5887

■ 146.0920, 0.4476,
-3.5887

■ 120.3910, 0.3002,
-2.9739

■ 95.5050, 0.7370,
-3.0739

■ 72.3910, 0.3002,
-2.9739

■ 49.3910, 0.3002,

-2.9739

■ 28.6900, 0.1528,
-2.3591

■ 3.2770, -0.1366,
-2.8739

■ 228.0920, 0.4476,
-3.5887

■ 228.0920, 0.4476,
-3.5887

■ 220.7590, 2.0908,
-17.3286

■ 235.4250, -1.1955,
10.1513

■ 213.4260, 3.7340,
-31.0686

■ 238.2730, -0.6276,
14.6696

■ 206.2070, 5.8139,
-44.9085

■ 238.6150, 0.6828,
14.3696

■ 198.8740, 7.4571,
-58.6485

■ 239.0710, 2.4300,
13.9697

■ 191.5410, 9.1003,
-72.3885

■ 239.5270, 4.1772,
13.5698

■ 184.2080, 10.7435,
-86.1284

■ 239.9830, 5.9244,
13.1699

■ 176.8750, 12.3866,
-99.8684

■ 240.3250, 7.2348,
12.8700

■ 169.5420, 14.0298,
-113.6083

■ 162.3230, 16.1098,
-127.4483

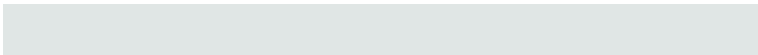
Harmonies

Analogous

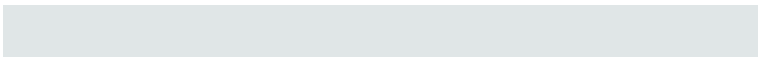
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.1630, -0.5734, -2.7740



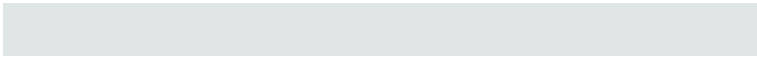
228.0920, 0.4476, -3.5887



228.3200, 1.3212, -3.7886

Triad

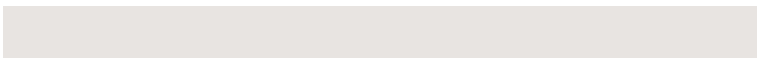
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.0920, 0.4476, -3.5887



229.0540, 1.4524, 0.8296



228.8540, -1.9000, 2.7590

Complementary

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



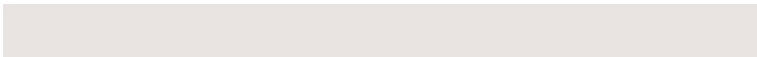
228.0920, 0.4476, -3.5887



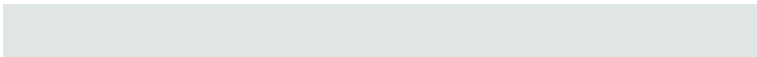
225.9080, -0.4476, 3.5887

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.



228.6800, -1.3212, 3.7886



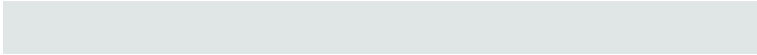
228.0920, 0.4476, -3.5887



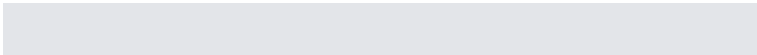
229.4240, 0.2840, 2.2592

Square

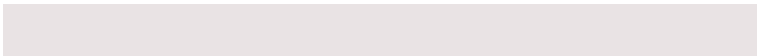
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



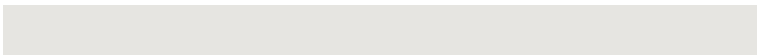
228.0920, 0.4476, -3.5887



228.8580, 2.0420, -1.6295



228.9080, -0.4476, 3.5887



228.8430, -1.8946, 1.0147

Rectangle

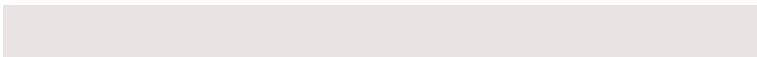
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



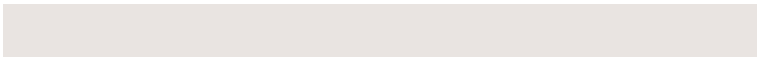
228.0920, 0.4476, -3.5887



228.4340, 1.7580, -3.8886



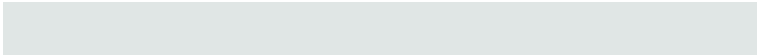
228.9080, -0.4476, 3.5887



229.1530, -2.0474, 3.3738

Sweetspot

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



228.0920, 0.4476, -3.5887



254.1030, 0.4422, -1.8443



227.8210, -1.8838, -2.4740



127.2880, -0.1420, -1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

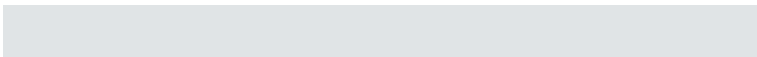
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.0920, 0.4476, -3.5887



252.4940, 0.7425, -4.8182



227.0320, 1.4632, -2.6591



113.3910, 0.3002, -2.9739



122.0590, 13.2819, -107.0457



34.8390, 4.0234, -30.5538

Inverse Universe

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



225.9080, -0.4476, 3.5887



249.6200, -0.3057, 4.7183



226.9680, -1.4632, 2.6591



111.6090, -0.3002, 2.9739



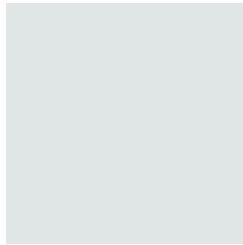
56.9410, -13.2819, 107.0457



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 228.0920, 0.4476, -3.5887 looks on a white background.

Color Contrast Check

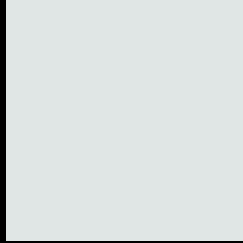
Large Text (above 18pt) WCAG AA × Fail

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 228.0920, 0.4476, -3.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

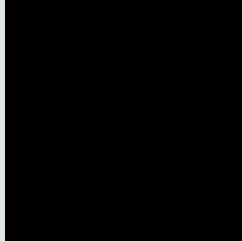
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

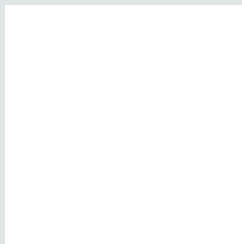
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.0920, 0.4476, -3.5887

Background



This preview shows how black text looks on a background with the YUV color 228.0920, 0.4476, -3.5887.



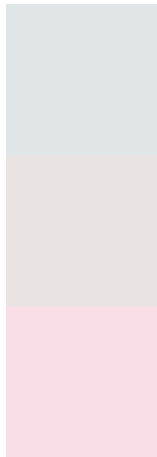
This preview shows how white text looks on a background with the YUV color 228.0920, 0.4476,

-3.5887.

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

228.0920, 0.4476, -3.5887

Protanopia

228.9080, -0.4476, 3.5887

Deuteranopia

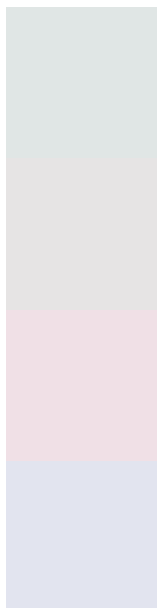
230.5120, 0.2406, 16.2140



Tritanopia

229.0520, 7.8624, -1.7996

Trichromacy



Original Color

228.0920, 0.4476, -3.5887

Protanomaly

228.5980, -0.2948, 1.2296

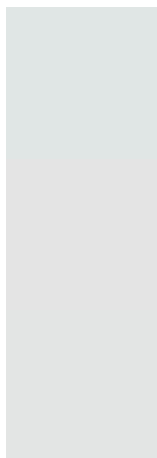
Deuteranomaly

229.4680, 0.2623, 9.2366

Tritanomaly

228.6560, 5.0996, -2.3293

Monochromacy



Original Color

228.0920, 0.4476, -3.5887

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2880, -0.1420, -1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0920, 0.4476, -3.5887 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(224, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 229)  
}
```

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(224, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 229) }
```

Border

The CSS property to change the border of an element to YUV 228.0920, 0.4476, -3.5887 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(224, 230, 229) }
```


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

```
.border{ border-color:rgb(224, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 228.0920, 0.4476, -3.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 229) }
```

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

```
.background{ background-color: rgb(224,  
230, 229) }
```

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