

Converting Colors

YUV(227.1850, -0.5842, 0.7148)

Have a look what the booklet for
YUV(227.1850, -0.5842, 0.7148)
contains.

YUV(227.1850, -0.5842, 0.7148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(227.1850, -0.5842,
0.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E2
RGB	228, 227, 226
RGB Percent	89%, 89%, 89%
CMY	0.1059, 0.1098, 0.1137
CMYK	0.00, 0.00, 0.01, 0.11
HSL	30°, 4%, 89%
HSV	30°, 1%, 89%
XYZ	73.1915, 76.9231, 82.9416
YIQ	227.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
RYB	228, 228, 226
Decimal	15000546
CIELab	90.29, 0.16, 0.60
CIELCh	90, 0.618, 74.658
Yxy	76.9231, 0.3141, 0.3301
Android (android.graphics.Color)	4293190626 (0xFFE4E3E2)
YUV	227.1850, -0.5842, 0.7148
Hunter-Lab	87.7058, -4.5251, 5.3248

Details

The YUV color $227.1850, -0.5842, 0.7148$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.8150, 0.5842, -0.7148$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.1850, -0.5842, 0.7148$ is the 20% darker color. If you saturate the color by 10%, you get $218.1060, -7.4473, 8.6770$, and if you desaturate by 10%, it is $236.2640, 6.2788, -7.2475$.

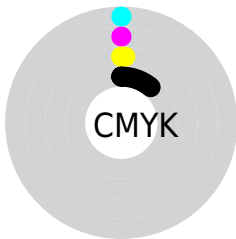
Distribution



- Red (89%)
- Green (89%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1850, -0.5842, 0.7148 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 227.1850, -0.5842, 0.7148 by changing the saturation by 10% instead.

■ 227.1850, -0.5842,
0.7148

■ 227.1850, -0.5842,
0.7148

255.0000, 0.0000,
0.0000

■ 199.1850, -0.5842,
0.7148

■ 172.1850, -0.5842,
0.7148

■ 145.1850, -0.5842,
0.7148

■ 119.8860, -0.4368,
0.1000

■ 95.1850, -0.5842,
0.7148

■ 71.1850, -0.5842,
0.7148

■ 49.1850, -0.5842,

0.7148

■ 28.1850, -0.5842,
0.7148

■ 1.1850, -0.5842,
0.7148

■ 227.1850, -0.5842,
0.7148

■ 227.1850, -0.5842,
0.7148

■ 218.1060, -7.4473,
8.6770

■ 236.2640, 6.2788,
-7.2475

■ 208.4400,
-14.0209, 17.1541

■ 243.9920, 5.4269,
-14.0250

■ 199.4750,
-20.4472, 25.0164

■ 246.9270, 3.9800,
-16.5990

■ 189.8090,
-27.0208, 33.4935

■ 180.7300,
-33.8839, 41.4558

■ 171.6510,
-40.7469, 49.4181

■ 161.9850,
-47.3206, 57.8952

■ 153.0200,
-53.7469, 65.7575

■ 143.3540,
-60.3205, 74.2345

Harmonies

Analogous

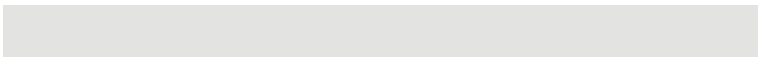
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.1850, -0.5842, 0.7148



227.1850, -0.5842, 0.7148



226.8860, -0.4368, 0.1000

Triad

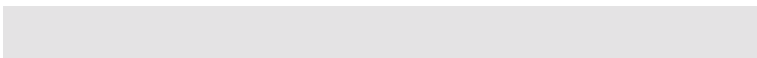
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.1850, -0.5842, 0.7148



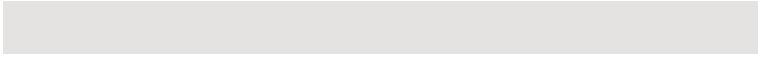
227.2880, -0.1420, -1.1296



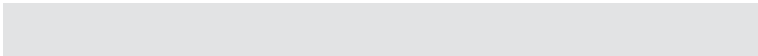
227.4130, 0.2894, 0.5148

Complementary

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



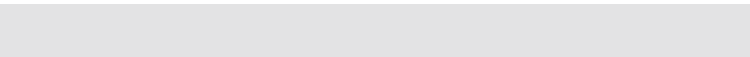
227.1850, -0.5842, 0.7148



226.8150, 0.5842, -0.7148

Split Complementary

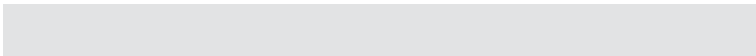
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.1140, 0.4368, -0.1000



227.1850, -0.5842, 0.7148



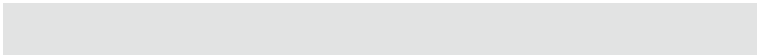
226.8150, 0.5842, -0.7148

Square

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



227.1850, -0.5842, 0.7148



226.7010, 0.1474, -0.6148



226.8150, 0.5842, -0.7148



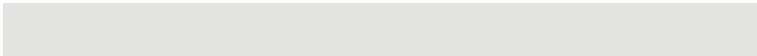
227.2990, -0.1474, 0.6148

Rectangle

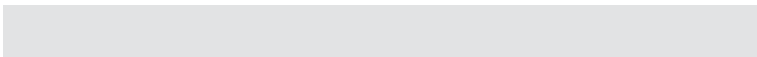
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.1850, -0.5842, 0.7148



226.8860, -0.4368, 0.1000



226.8150, 0.5842, -0.7148



227.1140, 0.4368, -0.1000

Sweetspot

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



227.1850, -0.5842, 0.7148

255.0000, 0.0000, 0.0000



226.7120, 0.1420, 1.1296



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

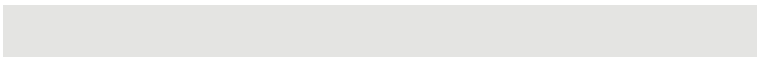
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.1850, -0.5842, 0.7148



254.0710, -1.0210, 0.8147



227.7720, -0.8736, 0.2000



114.2990, -0.1474, 0.6148



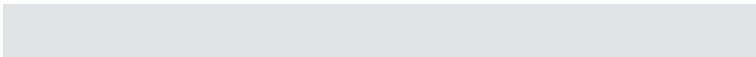
105.7640, -52.1417, 64.2280



29.9240, -14.7525, 18.4837

Inverse Universe

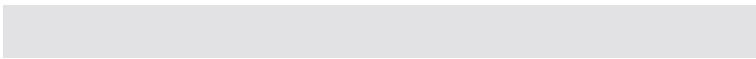
The Inverse Universe completely reimagines the original color for something new.



226.8150, 0.5842, -0.7148



253.5160, 0.7316, -1.3295



226.2280, 0.8736, -0.2000



114.1140, 0.4368, -0.1000



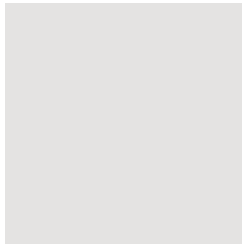
72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Previews

White Background



This preview shows how the YUV color 227.1850, -0.5842, 0.7148 looks on a white background.

Color Contrast Check

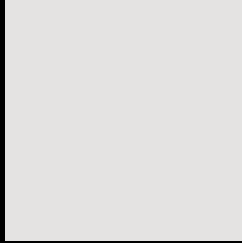
Large Text (above 18pt) WCAG AA × Fail

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 227.1850, -0.5842, 0.7148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

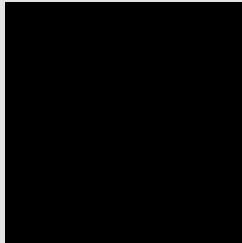
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

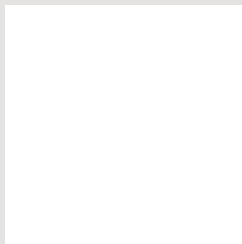
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.1850, -0.5842, 0.7148

Background



This preview shows how black text looks on a background with the YUV color 227.1850, -0.5842, 0.7148.



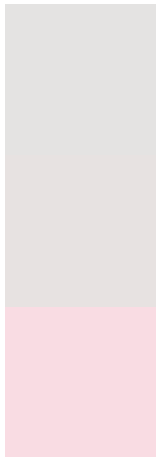
This preview shows how white text looks on a background with the YUV color 227.1850, -0.5842,

0.7148.

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

227.1850, -0.5842, 0.7148

Protanopia

227.3810, -1.1738, 3.1739

Deuteranopia

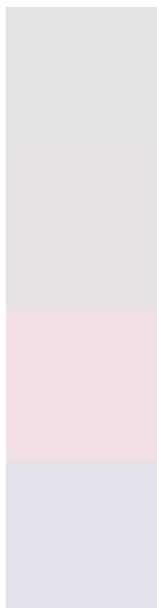
229.4690, -1.2172, 17.1287



Tritanopia

227.8460, 6.9779, 1.8891

Trichromacy



Original Color

227.1850, -0.5842, 0.7148

Protanomaly

227.0820, -1.0264, 2.5591

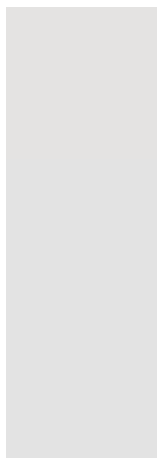
Deuteranomaly

228.8380, -0.9061, 10.6661

Tritanomaly

227.4500, 4.2152, 1.3594

Monochromacy



Original Color

227.1850, -0.5842, 0.7148

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1850, -0.5842, 0.7148 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(228, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 226)  
}
```

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(228, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 226) }
```

Border

The CSS property to change the border of an element to YUV 227.1850, -0.5842, 0.7148 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(228, 227, 226) }
```

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

```
.border{ border-color:rgb(228, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
226) }
```


Background

The CSS property to change the background color of an element to YUV 227.1850, -0.5842, 0.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 226) }
```

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

```
.background{ background-color: rgb(228,  
227, 226) }
```

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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