

Converting Colors

YUV(225.8150, 0.5842, -0.7148)

Have a look what the booklet for
YUV(225.8150, 0.5842, -0.7148)
contains.

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Color

**YUV(225.8150, 0.5842,
-0.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E2E3
RGB	225, 226, 227
RGB Percent	88%, 89%, 89%
CMY	0.1176, 0.1137, 0.1098
CMYK	0.01, 0.00, 0.00, 0.11
HSL	210°, 3%, 89%
HSV	210°, 1%, 89%
XYZ	72.1128, 75.9463, 83.5314
YIQ	225.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

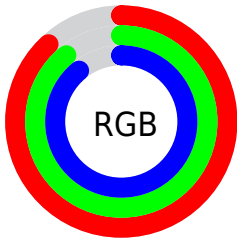
Format	Color
R _Y B	225, 226, 227
Decimal	14803683
CIE Lab	89.83, -0.15, -0.61
CIE LCh	90, 0.633, 256.163
Yxy	75.9463, 0.3114, 0.3279
Android (android.graphics.Color)	4292993763 (0xFFE1E2E3)
YUV	225.8150, 0.5842, -0.7148
Hunter-Lab	87.1472, -4.8018, 4.1730

Details

The YUV color $225.8150, 0.5842, -0.7148$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.1850, -0.5842, 0.7148$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.8150, 0.5842, -0.7148$ is the 20% darker color. If you saturate the color by 10%, you get $212.4810, 7.1579, -9.1918$, and if you desaturate by 10%, it is $239.1490, -5.9895, 7.7623$.

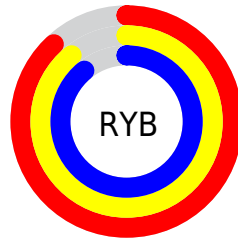
Distribution



Red (88%)

Green (89%)

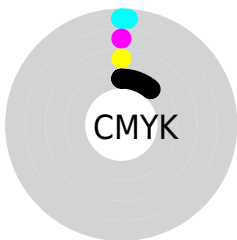
Blue (89%)



Red (88%)

Yellow (89%)

Blue (89%)

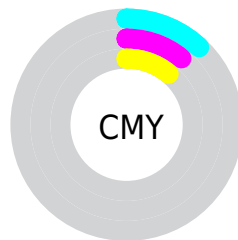


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.8150, 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 225.8150, 0.5842, -0.7148 by changing the saturation by 10% instead.

■ 225.8150, 0.5842,
-0.7148

■ 225.8150, 0.5842,
-0.7148

255.0000, 0.0000,
0.0000

■ 197.8150, 0.5842,
-0.7148

■ 170.8150, 0.5842,
-0.7148

■ 143.8150, 0.5842,
-0.7148

■ 118.8150, 0.5842,
-0.7148

■ 93.8150, 0.5842,
-0.7148

■ 70.1140, 0.4368,
-0.1000

■ 47.8150, 0.5842,

-0.7148

■ 27.1140, 0.4368,
-0.1000

■ 0.1140, 0.4368,
-0.1000

■ 225.8150, 0.5842,
-0.7148

■ 225.8150, 0.5842,
-0.7148

■ 212.4810, 7.1579,
-9.1918

■ 239.1490, -5.9895,
7.7623

■ 198.8590, 13.8735,
-16.5393

■ 248.2860,
-10.4940, 5.8882

■ 185.5250, 20.4472,
-25.0164

■ 251.8080,
-12.2303, 2.7994

■ 172.1910, 27.0208,
-33.4935

■ 158.5690, 33.7365,
-40.8410

■ 145.2350, 40.3101,
-49.3181

■ 131.9010, 46.8838,
-57.7952

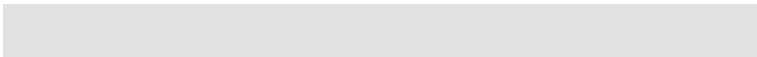
■ 117.9800, 53.7469,
-65.7575

■ 104.9450, 60.1731,
-73.6198

Harmonies

Analogous

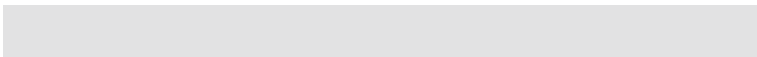
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.8150, 0.5842, -0.7148



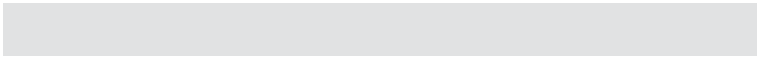
225.8150, 0.5842, -0.7148



226.1140, 0.4368, -0.1000

Triad

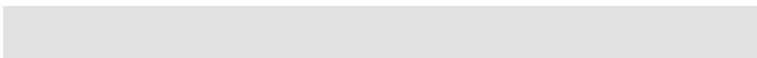
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.8150, 0.5842, -0.7148



225.7120, 0.1420, 1.1296



225.5870, -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.



225.8150, 0.5842, -0.7148



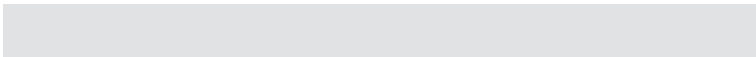
226.1850, -0.5842, 0.7148

Split Complementary

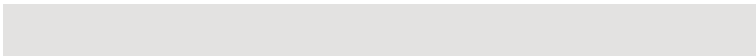
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.8860, -0.4368, 0.1000



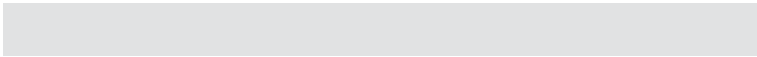
225.8150, 0.5842, -0.7148



226.1850, -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.



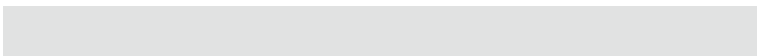
225.8150, 0.5842, -0.7148



226.2990, -0.1474, 0.6148



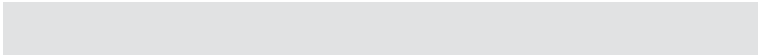
226.1850, -0.5842, 0.7148



225.7010, 0.1474, -0.6148

Rectangle

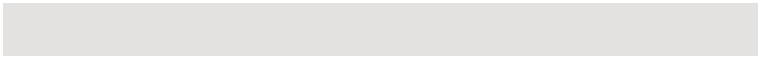
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.8150, 0.5842, -0.7148



226.1140, 0.4368, -0.1000



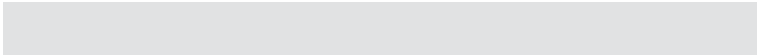
226.1850, -0.5842, 0.7148



225.8860, -0.4368, 0.1000

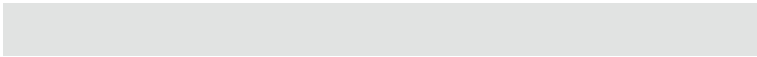
Sweetspot

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



225.8150, 0.5842, -0.7148

255.0000, 0.0000, 0.0000



226.2880, -0.1420, -1.1296



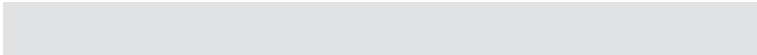
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

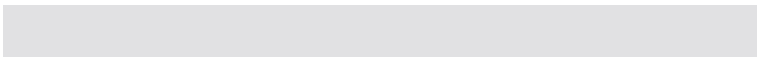
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.8150, 0.5842, -0.7148



253.5160, 0.7316, -1.3295



225.2280, 0.8736, -0.2000



114.1140, 0.4368, -0.1000



72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Inverse Universe

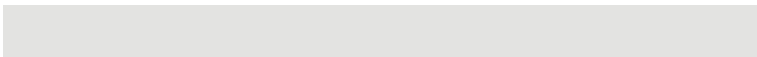
The Inverse Universe completely reimagines the original color for something new.



225.7120, 0.1420, 1.1296



253.1250, 0.4314, 1.6444



226.7720, -0.8736, 0.2000



114.2990, -0.1474, 0.6148



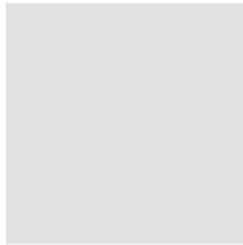
63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 225.8150, 0.5842, -0.7148 looks on a white background.

Color Contrast Check

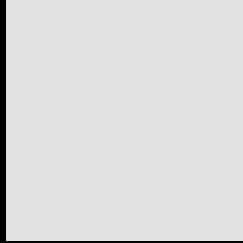
Large Text (above 18pt) WCAG AA × Fail

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 225.8150, 0.5842, -0.7148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

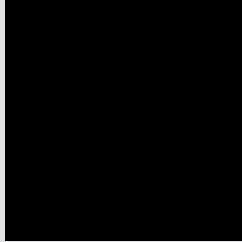
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

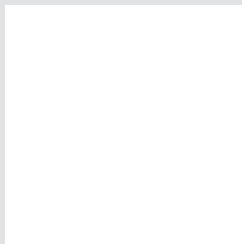
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.8150, 0.5842, -0.7148

Background



This preview shows how black text looks on a background with the YUV color 225.8150, 0.5842, -0.7148.



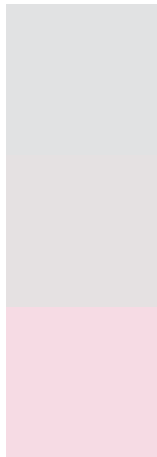
This preview shows how white text looks on a background with the YUV color 225.8150, 0.5842, -0.7148.

-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

225.8150, 0.5842, -0.7148

Protanopia

226.3100, -0.1528, 2.3591

Deuteranopia

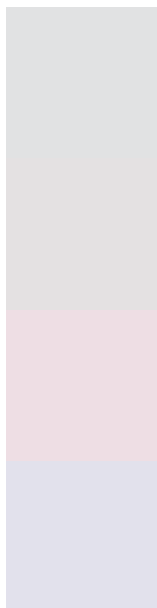
228.0990, -0.0488, 15.6992



Tritanopia

226.8350, 6.9833, 0.1447

Trichromacy



Original Color

225.8150, 0.5842, -0.7148

Protanomaly

226.0110, -0.0054, 1.7444

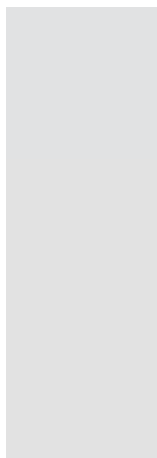
Deuteranomaly

227.4680, 0.2623, 9.2366

Tritanomaly

226.5530, 4.6574, -0.4850

Monochromacy



Original Color

225.8150, 0.5842, -0.7148

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.8150, 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(225, 226, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 227)  
}
```

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(225, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 227) }
```

Border

The CSS property to change the border of an element to YUV 225.8150, 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(225, 226, 227) }
```

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

```
.border{ border-color:rgb(225, 226, 227) }
```

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

Here you see how a box with a 4 pixel rgb(225, 226, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
227) }
```


Background

The CSS property to change the background color of an element to YUV 225.8150, 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(225, 226, 227) }
```

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

```
.background{ background-color: rgb(225,  
226, 227) }
```

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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