

Converting Colors

YUV(224.7550, 1.5998, 0.2149)

Have a look what the booklet for
YUV(224.7550, 1.5998, 0.2149)
contains.

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Color

**YUV(224.7550, 1.5998,
0.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E0E4
RGB	225, 224, 228
RGB Percent	88%, 88%, 89%
CMY	0.1176, 0.1216, 0.1059
CMYK	0.01, 0.02, 0.00, 0.11
HSL	255°, 7%, 89%
HSV	255°, 2%, 89%
XYZ	71.7106, 74.9203, 84.0803
YIQ	224.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

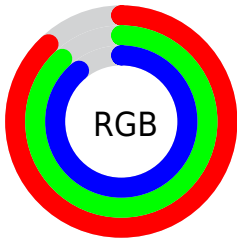
Format	Color
R_{YB}	225, 224, 228
Decimal	14803172
CIE Lab	89.36, 1.06, -1.84
CIE LCh	89, 2.125, 300.002
Yxy	74.9203, 0.3108, 0.3247
Android (android.graphics.Color)	4292993252 (0xFFE1E0E4)
YUV	224.7550, 1.5998, 0.2149
Hunter-Lab	86.5565, -3.5897, 2.9957

Details

The YUV color `224.7550, 1.5998, 0.2149` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `227.2450, -1.5998, -0.2149`, 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 `169.7550, 1.5998, 0.2149` is the 20% darker color. If you saturate the color by 10%, you get `206.1710, 10.7617, 1.6040`, and if you desaturate by 10%, it is `243.3390, -7.5621, -1.1743`.

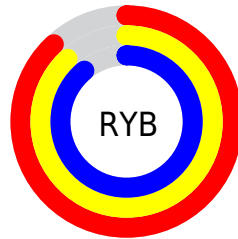
Distribution



Red (88%)

Green (88%)

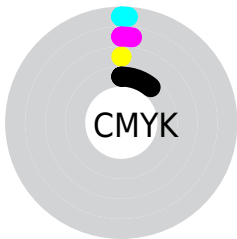
Blue (89%)



Red (88%)

Yellow (88%)

Blue (89%)

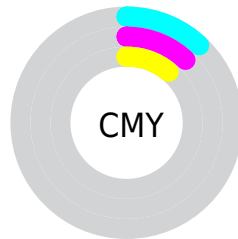


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.7550, 1.5998, 0.2149 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 224.7550, 1.5998, 0.2149 by changing the saturation by 10% instead.

■ 224.7550, 1.5998,
0.2149

■ 224.7550, 1.5998,
0.2149

255.0000, 0.0000,
0.0000

■ 196.7550, 1.5998,
0.2149

■ 169.7550, 1.5998,
0.2149

■ 142.7550, 1.5998,
0.2149

■ 117.6410, 1.1630,
0.3148

■ 92.7550, 1.5998,
0.2149

■ 69.6410, 1.1630,
0.3148

■ 47.3420, 1.3104,

-0.2999

■ 26.6410, 1.1630,
0.3148

■ 0.2280, 0.8736,
-0.2000

■ 224.7550, 1.5998,
0.2149

■ 224.7550, 1.5998,
0.2149

■ 206.1710, 10.7617,
1.6040

■ 243.3390, -7.5621,
-1.1743

■ 187.5870, 19.9236,
2.9932

■ 251.9220,
-11.7935, 2.6994

■ 169.5900, 28.7961,
3.8676

■ 151.0060, 37.9580,
5.2567

■ 132.1230, 47.2674,
6.0311

■ 113.5390, 56.4293,
7.4203

■ 94.9550, 65.5912,
8.8095

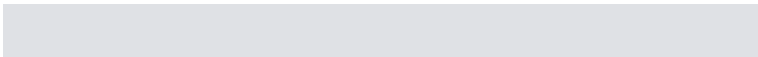
■ 76.9580, 74.4637,
9.6838

■ 58.3740, 83.6256,
11.0730

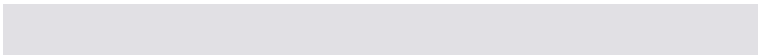
Harmonies

Analogous

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



224.8580, 2.0420, -1.6295



224.7550, 1.5998, 0.2149



224.6520, 1.1576, 2.0592

Triad

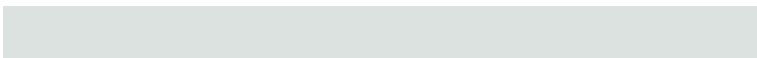
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.7550, 1.5998, 0.2149



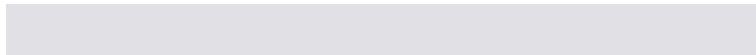
224.8540, -1.9000, 2.7590



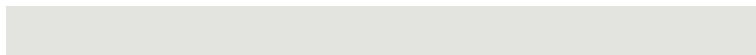
223.9780, 0.0108, -3.4887

Complementary

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



224.7550, 1.5998, 0.2149



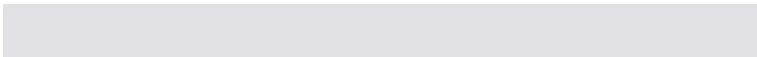
227.2450, -1.5998, -0.2149

Split Complementary

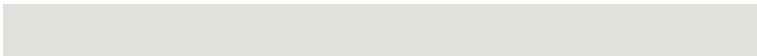
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.3480, -1.1576, -2.0592



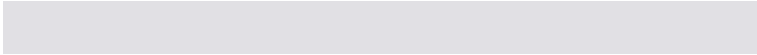
224.7550, 1.5998, 0.2149



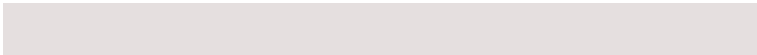
224.1420, -2.0420, 1.6295

Square

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



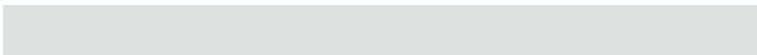
224.7550, 1.5998, 0.2149



224.7940, -0.8844, 3.6887



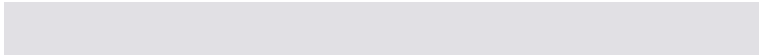
224.2450, -1.5998, -0.2149



224.2060, 0.8844, -3.6887

Rectangle

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



224.7550, 1.5998, 0.2149



224.7230, 0.1366, 2.8739



224.2450, -1.5998, -0.2149



224.2770, -0.1366, -2.8739

Sweetspot

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



224.7550, 1.5998, 0.2149



252.6410, 1.1630, 0.3148



226.2170, 0.8790, -1.9443



126.5270, 0.7262, 0.4148



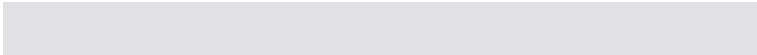
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



224.7550, 1.5998, 0.2149



250.8690, 2.0366, 0.1149



225.3530, 1.3050, 1.4444



112.6410, 1.1630, 0.3148



33.8610, 71.5535, 9.7689



9.7010, 20.3604, 2.8932

Inverse Universe

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



225.5380, 0.7208, 2.1592



251.9510, 1.0102, 2.6740



226.6470, -1.3050, -1.4444



113.1250, 0.4314, 1.6444



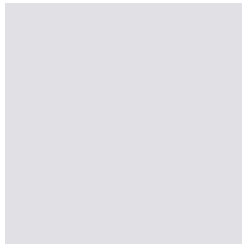
68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 224.7550, 1.5998, 0.2149 looks on a white background.

Color Contrast Check

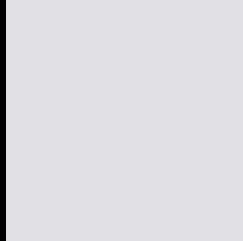
Large Text (above 18pt) WCAG AA × Fail

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 224.7550, 1.5998, 0.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

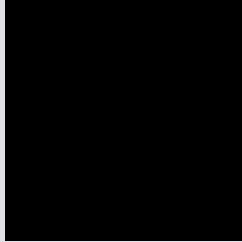
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

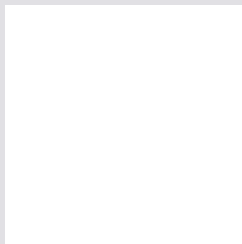
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.7550, 1.5998, 0.2149

Background



This preview shows how black text looks on a background with the YUV color 224.7550, 1.5998, 0.2149.



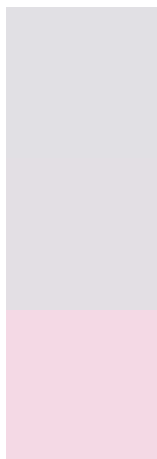
This preview shows how white text looks on a background with the YUV color 224.7550, 1.5998,

0.2149.

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

224.7550, 1.5998, 0.2149

Protanopia

224.7660, 1.5944, 1.9592

Deuteranopia

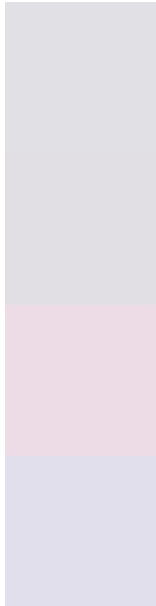
226.4410, 1.2616, 15.3992



Tritanopia

225.5470, 7.1253, 1.2743

Trichromacy



Original Color

224.7550, 1.5998, 0.2149

Protanomaly

224.4670, 1.7418, 1.3444

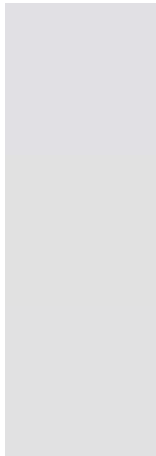
Deuteranomaly

226.1090, 1.4253, 9.5514

Tritanomaly

225.3790, 5.2362, 0.5446

Monochromacy



Original Color

224.7550, 1.5998, 0.2149

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.7550, 1.5998, 0.2149 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, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 228)  
}
```

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, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 228) }
```

Border

The CSS property to change the border of an element to YUV 224.7550, 1.5998, 0.2149 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, 224, 228) }
```


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

```
.border{ border-color:rgb(225, 224, 228) }
```

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

Here you see how a box with a 4 pixel rgb(225, 224, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 224.7550, 1.5998, 0.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 228) }
```

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

```
.background{ background-color: rgb(225,  
224, 228) }
```

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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