

Converting Colors

YUV(227.1790, 1.8838, 2.4740)

Have a look what the booklet for
YUV(227.1790, 1.8838, 2.4740)
contains.

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Color

**YUV(227.1790, 1.8838,
2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E7
RGB	230, 225, 231
RGB Percent	90%, 88%, 91%
CMY	0.0980, 0.1176, 0.0941
CMYK	0.00, 0.03, 0.00, 0.09
HSL	290°, 11%, 89%
HSV	290°, 3%, 91%
XYZ	73.9821, 76.4429, 86.4570
YIQ	227.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

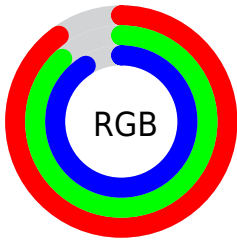
Format	Color
R _Y B	230, 225, 231
Decimal	15131111
CIE Lab	90.06, 2.76, -2.33
CIE LCh	90, 3.615, 319.850
Yxy	76.4429, 0.3123, 0.3227
Android (android.graphics.Color)	4293321191 (0xFFE6E1E7)
YUV	227.1790, 1.8838, 2.4740
Hunter-Lab	87.4317, -1.9638, 2.5731

Details

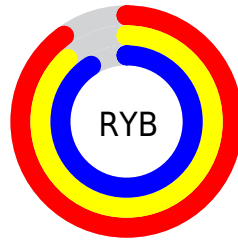
The YUV color `227.1790, 1.8838, 2.4740` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `228.8210, -1.8838, -2.4740`, and the grayscale version is `227.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `172.0650, 1.4470, 2.5740` is the 20% darker color. If you saturate the color by 10%, you get `212.4820, 9.1294, 11.8553`, and if you desaturate by 10%, it is `241.8760, -5.3619, -6.9073`.

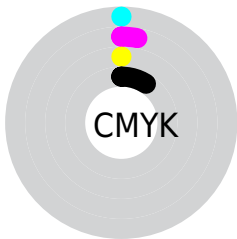
Distribution



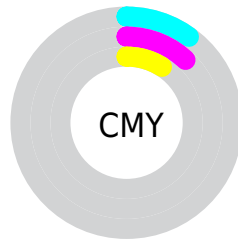
- Red (90%)
- Green (88%)
- Blue (91%)



- Red (90%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1790, 1.8838, 2.4740 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 227.1790, 1.8838, 2.4740 by changing the saturation by 10% instead.

■ 227.1790, 1.8838,
2.4740

■ 227.1790, 1.8838,
2.4740

255.0000, 0.0000,
0.0000

■ 199.1790, 1.8838,
2.4740

■ 172.0650, 1.4470,
2.5740

■ 145.1790, 1.8838,
2.4740

■ 119.7660, 1.5944,
1.9592

■ 94.7660, 1.5944,
1.9592

■ 71.6520, 1.1576,
2.0592

■ 48.7660, 1.5944,

1.9592

■ 27.7660, 1.5944,
1.9592

■ 2.1790, 1.8838,
2.4740

■ 227.1790, 1.8838,
2.4740

■ 227.1790, 1.8838,
2.4740

■ 212.4820, 9.1294,
11.8553

■ 241.8760, -5.3619,
-6.9073

■ 197.7850, 16.3750,
21.2366

■ 247.1810, -7.9772,
-8.0517

■ 183.0880, 23.6206,
30.6178

■ 248.3770, -8.5669,
-5.5926

■ 168.6900, 30.7188,
40.6139

■ 249.2740, -9.0091,
-3.7483

■ 153.9930, 37.9645,
49.9951

■ 250.4700, -9.5987,
-1.2892

■ 138.7090, 45.4995,
59.8912

■ 251.6660,
-10.1883, 1.1699

■ 124.0120, 52.7451,
69.2725

■ 252.2640,
-10.4832, 2.3995

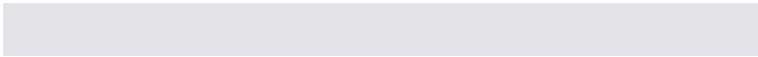
■ 109.3150, 59.9907,
78.6537

■ 94.6180, 67.2363,
88.0350

Harmonies

Analogous

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



226.7980, 3.0576, -0.6998



227.1790, 1.8838, 2.4740



227.1470, 0.4205, 5.1331

Triad

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



227.1790, 1.8838, 2.4740



226.8110, -3.3578, 3.6738



225.7110, 1.6215, -6.7625

Complementary

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



227.1790, 1.8838, 2.4740



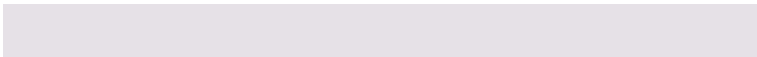
228.8210, -1.8838, -2.4740

Split Complementary

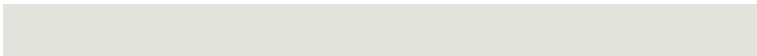
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.8530, -0.4205, -5.1331



227.1790, 1.8838, 2.4740



226.2020, -3.0576, 0.6998

Square

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



227.1790, 1.8838, 2.4740



227.2350, -3.0739, 5.9329



225.8210, -1.8838, -2.4740



225.7650, 3.0739, -5.9329

Rectangle

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



227.1790, 1.8838, 2.4740



227.1040, -1.0373, 6.0478



225.8210, -1.8838, -2.4740



225.8960, 1.0373, -6.0478

Sweetspot

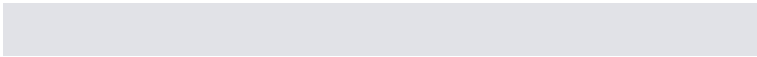
The Sweet Spot groups the original color and five complimentary colors.



227.1790, 1.8838, 2.4740



253.2390, 0.8682, 1.5444



226.2710, 2.3314, -1.1147



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.



227.1790, 1.8838, 2.4740



250.0050, 2.4625, 3.5036



227.2500, 0.8628, 3.2887



111.7660, 1.5944, 1.9592



64.9570, 56.2232, 73.7057



18.6710, 15.9382, 21.3365

Inverse Universe

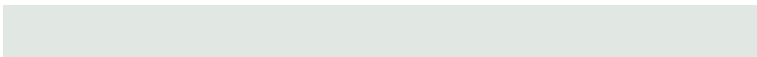
The Inverse Universe completely reimagines the original color for something new.



226.9080, -0.4476, 3.5887



249.6200, -0.3057, 4.7183



228.7500, -0.8627, -3.2887



111.6090, -0.3002, 2.9739



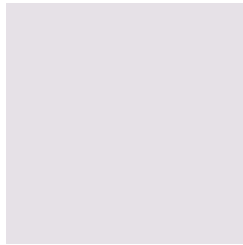
56.9410, -13.2819, 107.0457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 227.1790, 1.8838, 2.4740 looks on a white background.

Color Contrast Check

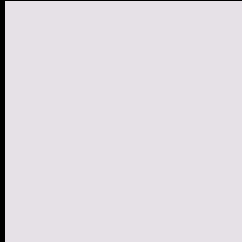
Large Text (above 18pt) WCAG AA × Fail

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 227.1790, 1.8838, 2.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

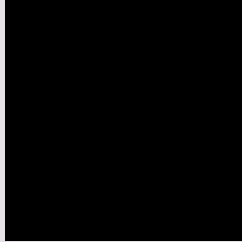
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

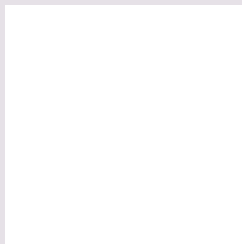
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.1790, 1.8838, 2.4740

Background



This preview shows how black text looks on a background with the YUV color 227.1790, 1.8838, 2.4740.



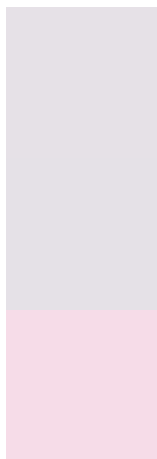
This preview shows how white text looks on a background with the YUV color 227.1790, 1.8838,

2.4740.

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

227.1790, 1.8838, 2.4740

Protanopia

226.8800, 2.0312, 1.8592

Deuteranopia

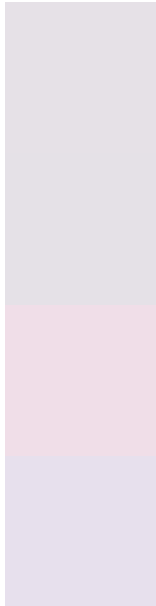
229.1420, 1.4090, 14.7845



Tritanopia

227.7430, 6.5357, 3.7334

Trichromacy



Original Color

227.1790, 1.8838, 2.4740

Protanomaly

226.8800, 2.0312, 1.8592

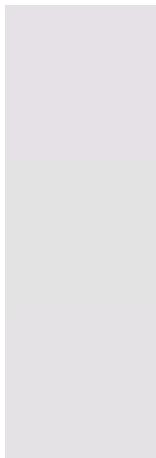
Deuteranomaly

228.5220, 1.7147, 10.0662

Tritanomaly

227.5750, 4.6465, 3.0037

Monochromacy



Original Color

227.1790, 1.8838, 2.4740

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1790, 1.8838, 2.4740 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(230, 225, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 231)  
}
```

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(230, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 231) }
```

Border

The CSS property to change the border of an element to YUV 227.1790, 1.8838, 2.4740 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(230, 225, 231) }
```


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

```
.border{ border-color:rgb(230, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 227.1790, 1.8838, 2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 231) }
```

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

```
.background{ background-color: rgb(230,  
225, 231) }
```

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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