

Converting Colors

YUV(227.2780, -1.6161, 5.0182)

Have a look what the booklet for
YUV(227.2780, -1.6161, 5.0182)
contains.

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Color

**YUV(227.2780, -1.6161,
5.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E1E0
RGB	233, 225, 224
RGB Percent	91%, 88%, 88%
CMY	0.0863, 0.1176, 0.1216
CMYK	0.00, 0.03, 0.04, 0.09
HSL	7°, 17%, 90%
HSV	7°, 4%, 91%
XYZ	73.9840, 76.5559, 81.3984
YIQ	227.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

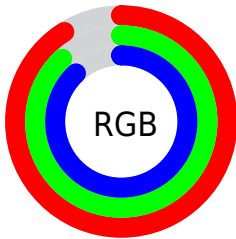
Format	Color
R _Y B	233, 225, 224
Decimal	15327712
CIE Lab	90.12, 2.54, 1.44
CIE LCh	90, 2.924, 29.596
Yxy	76.5559, 0.3190, 0.3301
Android (android.graphics.Color)	4293517792 (0xFFE9E1E0)
YUV	227.2780, -1.6161, 5.0182
Hunter-Lab	87.4962, -2.1844, 6.0894

Details

The YUV color $227.2780, -1.6161, 5.0182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.7220, 1.6161, -5.0182$, 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 $171.9790, -1.4686, 4.4034$ is the 20% darker color. If you saturate the color by 10%, you get $212.3290, -5.5852, 18.1285$, and if you desaturate by 10%, it is $242.2270, 2.3531, -8.0921$.

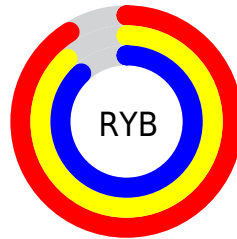
Distribution



Red (91%)

Green (88%)

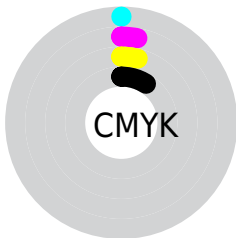
Blue (88%)



Red (91%)

Yellow (88%)

Blue (88%)

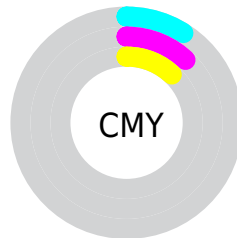


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.2780, -1.6161, 5.0182 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 227.2780, -1.6161, 5.0182 by changing the saturation by 10% instead.

■ 227.2780, -1.6161,
5.0182

■ 227.2780, -1.6161,
5.0182

255.0000, 0.0000,
0.0000

■ 199.2780, -1.6161,
5.0182

■ 171.9790, -1.4686,
4.4034

■ 145.2780, -1.6161,
5.0182

■ 119.9790, -1.4686,
4.4034

■ 94.9790, -1.4686,
4.4034

■ 71.6800, -1.3212,
3.7886

■ 48.7940, -0.8844,

3.6887

■ 27.7940, -0.8844,
3.6887

■ 2.0930, -1.0318,
4.3034

■ 227.2780, -1.6161,
5.0182

■ 227.2780, -1.6161,
5.0182

■ 212.3290, -5.5852,
18.1285

■ 242.2270, 2.3531,
-8.0921

■ 197.8530,
-10.2805, 30.8239

■ 248.4220, 3.2430,
-13.5251

■ 182.9040,
-14.2497, 43.9342

■ 167.9550,
-18.2188, 57.0445

■ 153.0060,
-22.1880, 70.1547

■ 138.5300,
-26.8833, 82.8502

■ 123.5810,
-30.8524, 95.9605

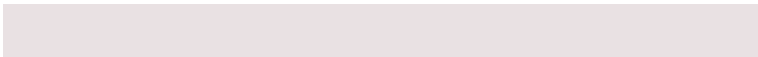
■ 108.6320,
-34.8216, 109.0707

■ 94.1560, -39.5169,
121.7662

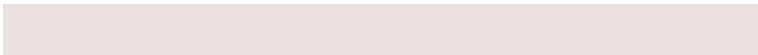
Harmonies

Analogous

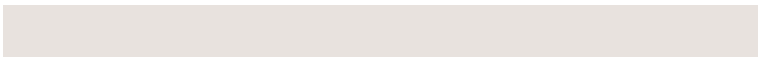
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.6200, -0.3057, 4.7183



227.2780, -1.6161, 5.0182



227.3380, -2.6316, 4.0886

Triad

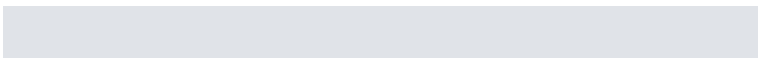
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.2780, -1.6161, 5.0182



226.0490, -1.0102, -2.6740



226.6730, 2.6262, -2.3442

Complementary

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



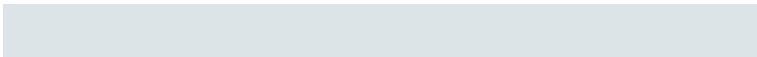
227.2780, -1.6161, 5.0182



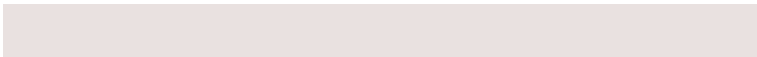
229.7220, 1.6161, -5.0182

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.



226.2490, 2.3422, -4.6034



227.2780, -1.6161, 5.0182



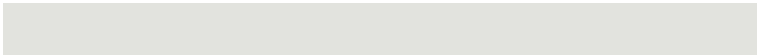
225.7930, 0.5951, -4.2035

Square

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



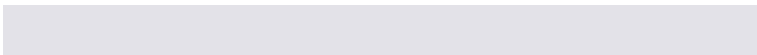
227.2780, -1.6161, 5.0182



226.1310, -2.0366, -0.1149



225.7220, 1.6161, -5.0182



226.9830, 2.4734, 0.0149

Rectangle

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



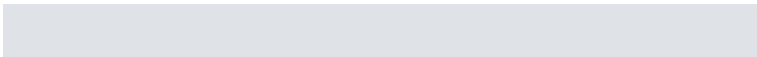
227.2780, -1.6161, 5.0182



226.6260, -2.7736, 2.9590



225.7220, 1.6161, -5.0182



226.3740, 2.7736, -2.9590

Sweetspot

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



227.2780, -1.6161, 5.0182



253.4840, -0.7316, 1.3295



227.6030, 2.1677, 4.7332



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

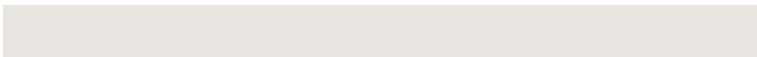
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.2780, -1.6161, 5.0182



247.0610, -2.4951, 6.9625



229.6260, -2.7736, 2.9590



112.6800, -1.3212, 3.7886



65.8590, -32.4685, 100.9787



19.6680, -9.6963, 30.1092

Inverse Universe

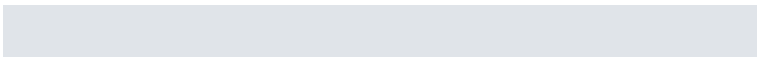
The Inverse Universe completely reimagines the original color for something new.



229.7220, 1.6161, -5.0182



250.5260, 2.2057, -7.4773



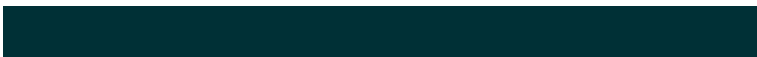
227.3740, 2.7736, -2.9590



114.9070, 1.0318, -4.3034



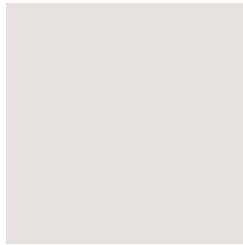
115.1410, 32.4685, -100.9787



34.3320, 9.6963, -30.1092

Previews

White Background



This preview shows how the YUV color 227.2780, -1.6161, 5.0182 looks on a white background.

Color Contrast Check

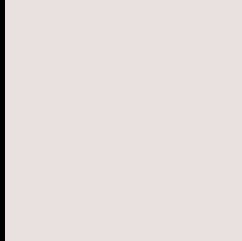
Large Text (above 18pt) WCAG AA × Fail

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 227.2780, -1.6161, 5.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

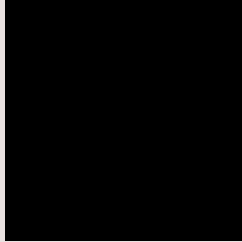
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

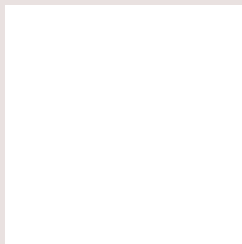
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.2780, -1.6161, 5.0182

Background



This preview shows how black text looks on a background with the YUV color 227.2780, -1.6161, 5.0182.



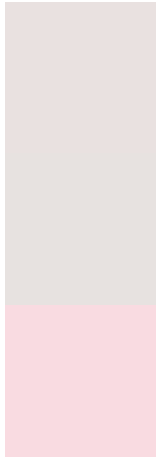
This preview shows how white text looks on a background with the YUV color 227.2780, -1.6161,

5.0182.

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

227.2780, -1.6161, 5.0182

Protanopia

227.2670, -1.6106, 3.2738

Deuteranopia

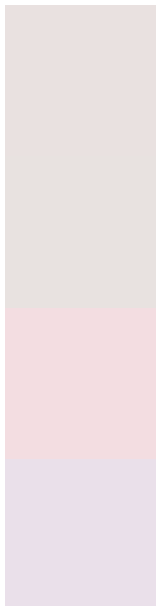
228.6540, -1.8014, 17.8434



Tritanopia

228.5260, 5.6567, 5.6777

Trichromacy



Original Color

227.2780, -1.6161, 5.0182

Protanomaly

227.5660, -1.7580, 3.8886

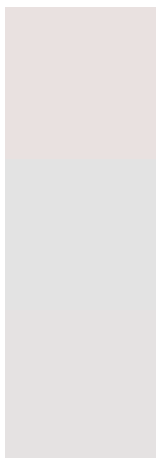
Deuteranomaly

228.0340, -1.4958, 13.1252

Tritanomaly

228.1300, 2.8939, 5.1480

Monochromacy



Original Color

227.2780, -1.6161, 5.0182

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.2780, -1.6161, 5.0182 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(233, 225, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 224)  
}
```

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(233, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 224) }
```

Border

The CSS property to change the border of an element to YUV 227.2780, -1.6161, 5.0182 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(233, 225, 224) }
```


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

```
.border{ border-color:rgb(233, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 227.2780, -1.6161, 5.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 224) }
```

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

```
.background{ background-color: rgb(233,  
225, 224) }
```

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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