

Converting Colors

YUV(227.4120, 1.7689, -7.3773)

Have a look what the booklet for
YUV(227.4120, 1.7689, -7.3773)
contains.

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Color

**YUV(227.4120, 1.7689,
-7.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE7E7
RGB	219, 231, 231
RGB Percent	86%, 91%, 91%
CMY	0.1412, 0.0941, 0.0941
CMYK	0.05, 0.00, 0.00, 0.09
HSL	180°, 20%, 88%
HSV	180°, 5%, 91%
XYZ	72.2131, 77.9814, 86.8472
YIQ	227.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

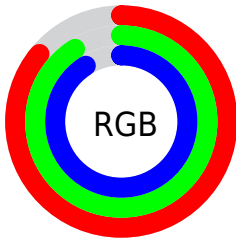
Format	Color
R_{YB}	219, 225, 231
Decimal	14411751
CIE _{Lab}	90.77, -3.98, -1.39
CIE _{LCh}	91, 4.215, 199.263
Yxy	77.9814, 0.3046, 0.3290
Android (android.graphics.Color)	4292601831 (0xFFDBE7E7)
YUV	227.4120, 1.7689, -7.3773
Hunter-Lab	88.3071, -8.5690, 3.5052

Details

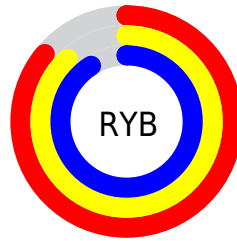
The YUV color $227.4120, 1.7689, -7.3773$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $222.5880, -1.7689, 7.3773$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.7110, 1.6215, -6.7625$ is the 20% darker color. If you saturate the color by 10%, you get $220.5350, 5.1592, -21.5172$, and if you desaturate by 10%, it is $234.2890, -1.6215, 6.7625$.

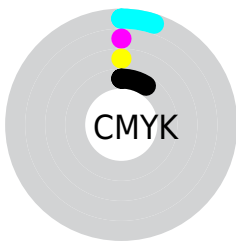
Distribution



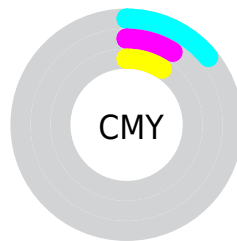
- Red (86%)
- Green (91%)
- Blue (91%)



- Red (86%)
- Yellow (88%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.4120, 1.7689, -7.3773 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 227.4120, 1.7689, -7.3773 by changing the saturation by 10% instead.

■ 227.4120, 1.7689,
-7.3773

■ 227.4120, 1.7689,
-7.3773

255.0000, 0.0000,
0.0000

■ 199.4120, 1.7689,
-7.3773

■ 171.7110, 1.6215,
-6.7625

■ 145.7110, 1.6215,
-6.7625

■ 119.7110, 1.6215,
-6.7625

■ 95.0100, 1.4741,
-6.1478

■ 71.0100, 1.4741,
-6.1478

■ 49.0100, 1.4741,

-6.1478

■ 28.3090, 1.3267,
-5.5330

■ 4.2060, 0.8844,
-3.6887

■ 227.4120, 1.7689,
-7.3773

■ 227.4120, 1.7689,
-7.3773

■ 220.5350, 5.1592,
-21.5172

■ 234.2890, -1.6215,
6.7625

■ 213.6580, 8.5496,
-35.6571

■ 238.1760, -3.5378,
14.7546

■ 206.7810, 11.9400,
-49.7969

■ 199.9040, 15.3303,
-63.9368

■ 193.0270, 18.7207,
-78.0767

■ 185.8510, 22.2585,
-92.8313

■ 178.9740, 25.6488,
-106.9712

■ 172.0970, 29.0392,
-121.1111

■ 165.2200, 32.4295,
-135.2509

Harmonies

Analogous

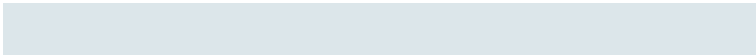
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.5540, -0.2731, -5.7479



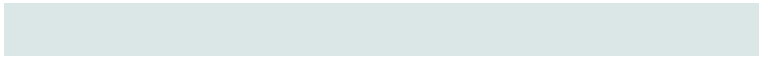
227.4120, 1.7689, -7.3773



227.4660, 3.2213, -6.5477

Triad

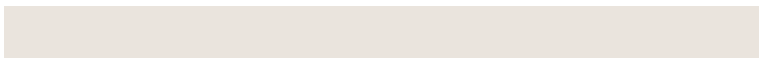
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.4120, 1.7689, -7.3773



229.5920, 2.1731, 2.9888



228.9960, -3.9420, 4.3885

Complementary

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



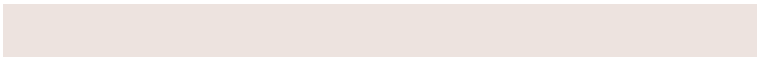
227.4120, 1.7689, -7.3773



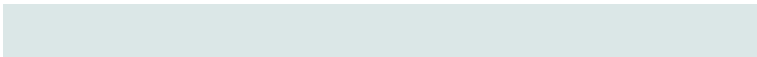
222.5880, -1.7689, 7.3773

Split Complementary

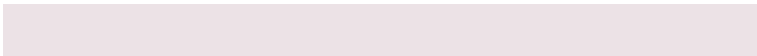
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.5340, -3.2213, 6.5477



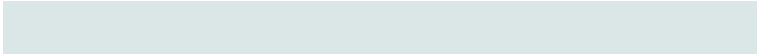
227.4120, 1.7689, -7.3773



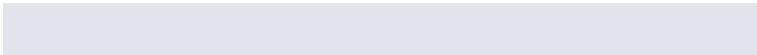
229.4460, 0.2731, 5.7479

Square

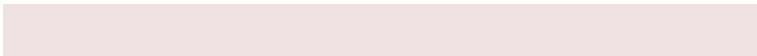
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



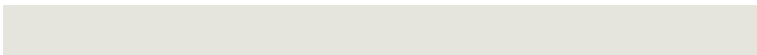
227.4120, 1.7689, -7.3773



228.9120, 3.4944, -0.7998



229.5880, -1.7689, 7.3773



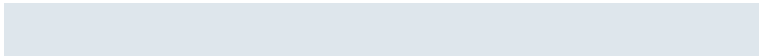
228.0880, -3.4944, 0.7998

Rectangle

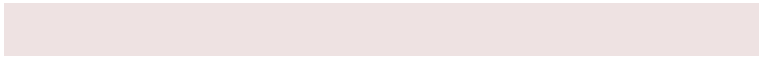
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



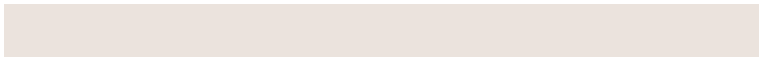
227.4120, 1.7689, -7.3773



228.2920, 3.8000, -5.5181



229.5880, -1.7689, 7.3773



228.7080, -3.8000, 5.5181

Sweetspot

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



227.4120, 1.7689, -7.3773



253.5050, 0.7370, -3.0739



226.0440, -3.4727, -6.1776



127.1030, 0.4422, -1.8443



0.0000, 0.0000, 0.0000



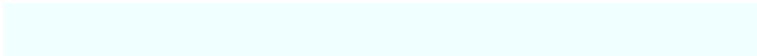
128.0000, 0.0000, 0.0000

Same Dimension

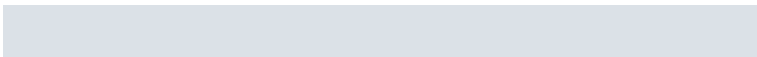
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.4120, 1.7689, -7.3773



250.5150, 2.2111, -9.2217



223.8900, 3.5052, -4.2885



112.6080, 1.1793, -4.9182



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

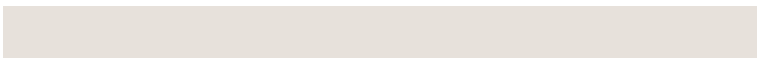
The Inverse Universe completely reimagines the original color for something new.



223.9560, 3.4727, 6.1776



246.1950, 4.3409, 7.7220



226.1100, -3.5052, 4.2885



110.3040, 2.3151, 4.1184



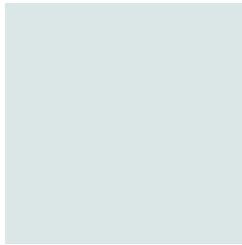
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 227.4120, 1.7689, -7.3773 looks on a white background.

Color Contrast Check

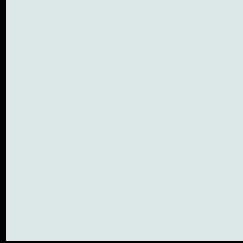
Large Text (above 18pt) WCAG AA × Fail

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 227.4120, 1.7689, -7.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

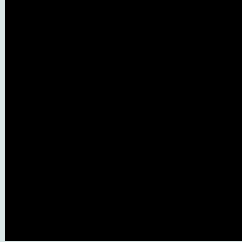
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

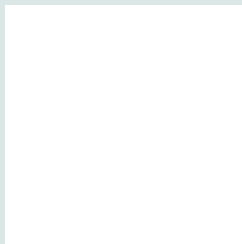
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.4120, 1.7689, -7.3773

Background



This preview shows how black text looks on a background with the YUV color 227.4120, 1.7689, -7.3773.



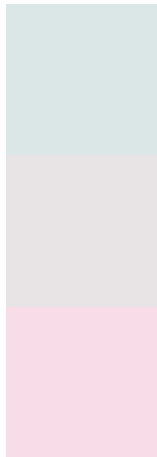
This preview shows how white text looks on a background with the YUV color 227.4120, 1.7689, -7.3773.

-7.3773.

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

227.4120, 1.7689, -7.3773

Protanopia

228.7230, 0.1366, 2.8739

Deuteranopia

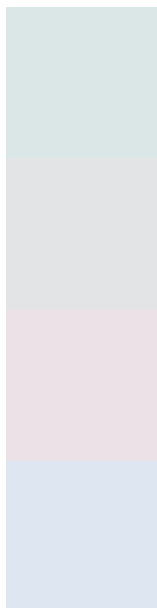
230.4410, 1.2616, 15.3992



Tritanopia

228.9590, 8.8942, -6.1030

Trichromacy



Original Color

227.4120, 1.7689, -7.3773

Protanomaly

227.9290, 1.0210, -0.8147

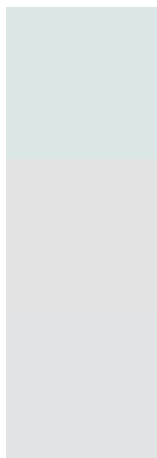
Deuteranomaly

229.3860, 1.2887, 6.6775

Tritanomaly

228.5630, 6.1314, -6.6328

Monochromacy



Original Color

227.4120, 1.7689, -7.3773

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.4120, 1.7689, -7.3773 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(219, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(219, 231, 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(219, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 231, 231) }
```

Border

The CSS property to change the border of an element to YUV 227.4120, 1.7689, -7.3773 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(219, 231, 231) }
```


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

```
.border{ border-color:rgb(219, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(219, 231,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 227.4120, 1.7689, -7.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 231, 231) }
```

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

```
.background{ background-color: rgb(219,  
231, 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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