

Converting Colors

YUV(227.8120, -8.2883, -1.5891)

Have a look what the booklet for
YUV(227.8120, -8.2883, -1.5891)
contains.

YUV(227.8120, -8.2883, -1.5891)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(227.8120, -8.2883,
-1.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E8D3
RGB	226, 232, 211
RGB Percent	89%, 91%, 83%
CMY	0.1137, 0.0902, 0.1725
CMYK	0.03, 0.00, 0.09, 0.09
HSL	77°, 31%, 87%
HSV	77°, 9%, 91%
XYZ	71.9785, 78.5851, 73.0028
YIQ	227.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

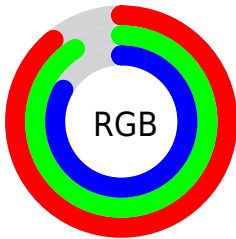
Format	Color
RYB	211, 232, 217
Decimal	14870739
CIELab	91.05, -5.66, 9.51
CIELCh	91, 11.070, 120.739
Yxy	78.5851, 0.3220, 0.3515
Android (android.graphics.Color)	4293060819 (0xFFE2E8D3)
YUV	227.8120, -8.2883, -1.5891
Hunter-Lab	88.6483, -10.2002, 13.2278

Details

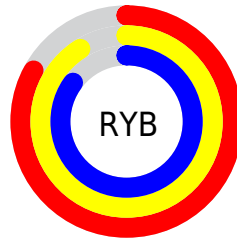
The YUV color **227.8120, -8.2883, -1.5891** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **215.1880, 8.2883, 1.5891**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **172.2250, -7.9989, -1.0743** is the 20% darker color. If you saturate the color by 10%, you get **223.0970, -17.3028, -3.5931**, and if you desaturate by 10%, it is **232.5270, 0.7262, 0.4148**.

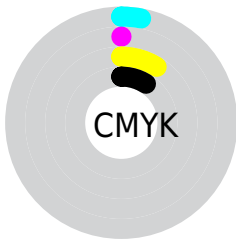
Distribution



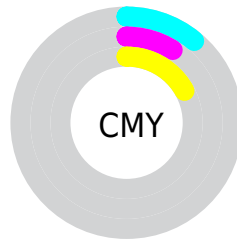
- Red (89%)
- Green (91%)
- Blue (83%)



- Red (83%)
- Yellow (91%)
- Blue (85%)



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



- Cyan (11%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8120, -8.2883, -1.5891 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 227.8120, -8.2883, -1.5891 by changing the saturation by 10% instead.

■ 227.8120, -8.2883,
-1.5891

■ 227.8120, -8.2883,
-1.5891

255.0000, 0.0000,
0.0000

■ 199.8120, -8.2883,
-1.5891

■ 172.2250, -7.9989,
-1.0743

■ 145.9260, -7.8515,
-1.6891

■ 120.0400, -7.4147,
-1.7891

■ 95.4530, -7.1253,
-1.2743

■ 71.5670, -6.6885,
-1.3743

■ 49.5670, -6.6885,

-1.3743

■ 28.0940, -5.9623,
-0.9594

■ 4.1090, -2.0257,
-3.6036

■ 227.8120, -8.2883,
-1.5891

■ 227.8120, -8.2883,
-1.5891

■ 223.0970,
-17.3028, -3.5931

■ 232.5270, 0.7262,
0.4148

■ 218.6810,
-26.4647, -4.9822

■ 236.7150, 9.0145,
2.0039

■ 213.8520,
-35.9160, -6.8862

■ 238.8080, 7.9827,
6.3074

■ 209.1370,
-44.9305, -8.8901

■ 240.9010, 6.9508,
10.6108

■ 204.7210,
-54.0925, -10.2793

■ 241.4990, 6.6560,
11.8404

■ 200.0060,
-63.1070, -12.2833

■ 195.5900,
-72.2689, -13.6724

■ 190.7610,
-81.7202, -15.5764

■ 186.0460,
-90.7347, -17.5803

Harmonies

Analogous

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



229.2970, -10.4994, 7.6325



227.8120, -8.2883, -1.5891



226.8970, -3.8932, -11.3107

Triad

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



227.8120, -8.2883, -1.5891



227.1210, 9.8003, -16.7691



231.4690, -1.2172, 17.1287

Complementary

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



227.8120, -8.2883, -1.5891



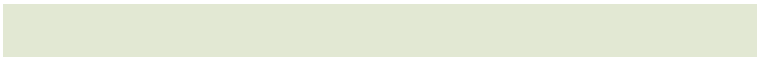
215.1880, 8.2883, 1.5891

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.



231.8040, 4.0406, 10.6959



227.8120, -8.2883, -1.5891



228.9910, 10.3574, -8.7621

Square

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



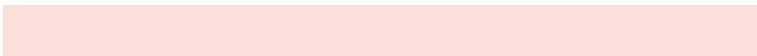
227.8120, -8.2883, -1.5891



226.0020, 6.9010, -20.1728



230.8890, 8.4357, 0.9743



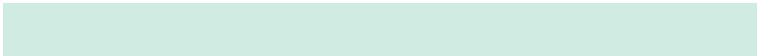
231.2150, -6.0220, 18.2284

Rectangle

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



227.8120, -8.2883, -1.5891



226.4880, -0.2406, -16.2140



230.8890, 8.4357, 0.9743



231.9140, 0.5354, 14.9844

Sweetspot

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



227.8120, -8.2883, -1.5891



253.4900, -3.1996, -0.4297



220.8010, -4.8319, 9.8215



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



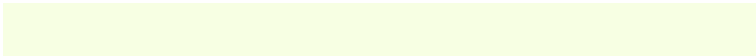
128.0000, 0.0000, 0.0000

Same Dimension

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



227.8120, -8.2883, -1.5891



249.4160, -11.0511, -2.1188



224.8220, -6.8142, -7.7369



112.4360, -4.6519, -1.2594



143.0460, -70.5217, -14.0723



40.7010, -20.0656, -4.1228

Inverse Universe

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



215.1880, 8.2883, 1.5891



232.5840, 11.0511, 2.1188



218.1780, 6.8142, 7.7369



105.5640, 4.6519, 1.2594



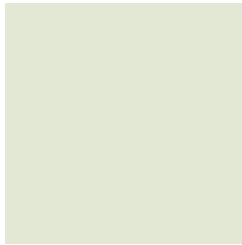
35.6550, 70.6691, 13.4576



10.2990, 20.0656, 4.1228

Previews

White Background



This preview shows how the YUV color 227.8120, -8.2883, -1.5891 looks on a white background.

Color Contrast Check

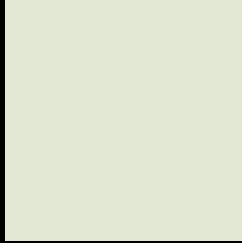
Large Text (above 18pt) WCAG AA × Fail

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 227.8120, -8.2883, -1.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

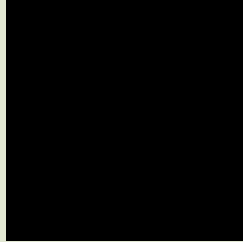
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

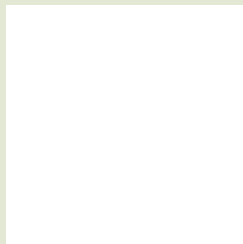
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.8120, -8.2883, -1.5891

Background



This preview shows how black text looks on a background with the YUV color 227.8120, -8.2883, -1.5891.



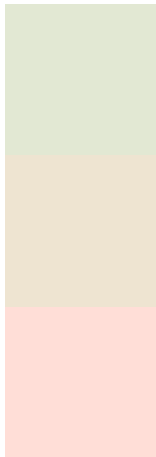
This preview shows how white text looks on a background with the YUV color 227.8120, -8.2883, -1.5891.

-1.5891.

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

227.8120, -8.2883, -1.5891

Protanopia

228.8240, -9.7732, 8.0474

Deuteranopia

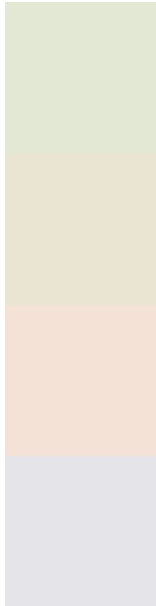
231.0690, -7.9220, 20.9875



Tritanopia

230.2480, 7.2727, 0.6595

Trichromacy



Original Color

227.8120, -8.2883, -1.5891

Protanomaly

228.3290, -9.0362, 4.9735

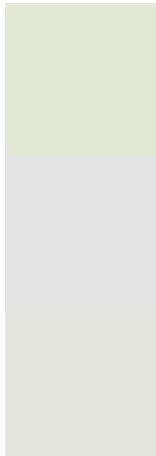
Deuteranomaly

230.0140, -7.8949, 12.2657

Tritanomaly

229.4560, 1.7472, -0.3999

Monochromacy



Original Color

227.8120, -8.2883, -1.5891

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.6040, -2.7628, -0.5297

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8120, -8.2883, -1.5891 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(226, 232, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 211)  
}
```

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(226, 232, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 211) }
```

Border

The CSS property to change the border of an element to YUV 227.8120, -8.2883, -1.5891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

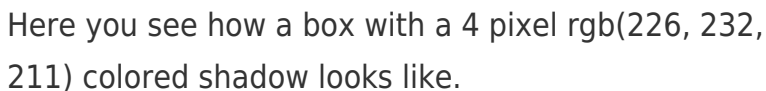
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 232, 211) }
```


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

```
.border{ border-color:rgb(226, 232, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 232, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 232, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 232, 211); box-shadow:4px 4px 4px 4px rgb(226, 232, 211) }
```

Background

The CSS property to change the background color of an element to YUV 227.8120, -8.2883, -1.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 211) }
```

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

```
.background{ background-color: rgb(226,  
232, 211) }
```

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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