

Converting Colors

YUV(226.7210, 3.0955,
-12.9103)

Have a look what the booklet for
YUV(226.7210, 3.0955, -12.9103)
contains.

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Color

**YUV(226.7210, 3.0955,
-12.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E9E9
RGB	212, 233, 233
RGB Percent	83%, 91%, 91%
CMY	0.1686, 0.0863, 0.0863
CMYK	0.09, 0.00, 0.00, 0.09
HSL	180°, 32%, 87%
HSV	180°, 9%, 91%
XYZ	70.9983, 78.1581, 88.4348
YIQ	226.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

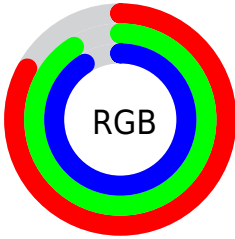
Format	Color
R _Y B	212, 223, 233
Decimal	13953513
CIE Lab	90.85, -6.90, -2.38
CIE LCh	91, 7.297, 198.996
Yxy	78.1581, 0.2988, 0.3290
Android (android.graphics.Color)	4292143593 (0xFFD4E9E9)
YUV	226.7210, 3.0955, -12.9103
Hunter-Lab	88.4071, -11.3619, 2.5763

Details

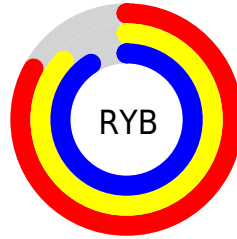
The YUV color $226.7210, 3.0955, -12.9103$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.2790, -3.0955, 12.9103$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.0200, 2.9481, -12.2955$ is the 20% darker color. If you saturate the color by 10%, you get $219.8440, 6.4859, -27.0502$, and if you desaturate by 10%, it is $233.5980, -0.2948, 1.2296$.

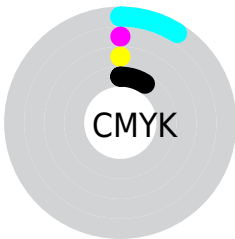
Distribution



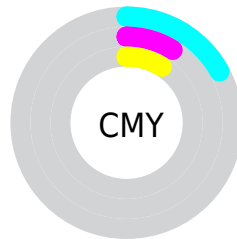
- Red (83%)
- Green (91%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7210, 3.0955, -12.9103 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 226.7210, 3.0955, -12.9103 by changing the saturation by 10% instead.

■ 226.7210, 3.0955,
-12.9103

■ 226.7210, 3.0955,
-12.9103

255.0000, 0.0000,
0.0000

■ 198.7210, 3.0955,
-12.9103

■ 171.0200, 2.9481,
-12.2955

■ 145.0200, 2.9481,
-12.2955

■ 119.3190, 2.8007,
-11.6808

■ 94.3190, 2.8007,
-11.6808

■ 70.6180, 2.6533,
-11.0660

■ 47.9170, 2.5059,

-10.4512

■ 26.9170, 2.5059,
-10.4512

■ 4.5480, 2.1948,
-3.9886

■ 226.7210, 3.0955,
-12.9103

■ 226.7210, 3.0955,
-12.9103

■ 219.8440, 6.4859,
-27.0502

■ 233.5980, -0.2948,
1.2296

■ 212.6680, 10.0237,
-41.8048

■ 239.5780, -3.2430,
13.5251

■ 205.7910, 13.4140,
-55.9447

■ 198.9140, 16.8044,
-70.0846

■ 192.0370, 20.1948,
-84.2244

■ 184.8610, 23.7325,
-98.9791

■ 177.9840, 27.1229,
-113.1190

■ 171.1070, 30.5132,
-127.2588

■ 163.9310, 34.0510,
-142.0135

Harmonies

Analogous

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



226.8200, -0.4043, -10.3661



226.7210, 3.0955, -12.9103



227.1170, 5.8583, -12.3806

Triad

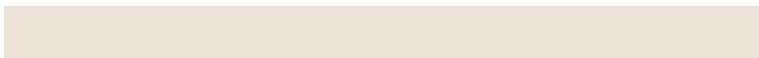
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.7210, 3.0955, -12.9103



230.3580, 3.7675, 4.9480



228.9210, -6.8631, 7.9623

Complementary

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



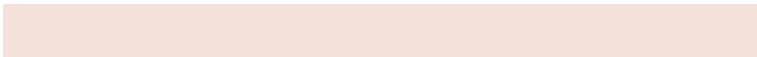
226.7210, 3.0955, -12.9103



218.2790, -3.0955, 12.9103

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.



229.5840, -5.7109, 11.7658



226.7210, 3.0955, -12.9103



230.2940, 0.8411, 10.2662

Square

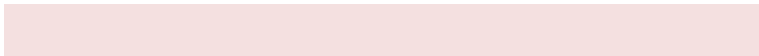
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.7210, 3.0955, -12.9103



229.2970, 6.2626, -2.0145



229.9800, -2.9481, 12.2955



228.4040, -6.1152, 1.3997

Rectangle

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



226.7210, 3.0955, -12.9103



228.0680, 6.8685, -9.7066



229.9800, -2.9481, 12.2955



229.6330, -6.7211, 9.0919

Sweetspot

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



226.7210, 3.0955, -12.9103



252.6080, 1.1793, -4.9182



224.3270, -6.0772, -10.8108



126.2060, 0.8844, -3.6887



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.



226.7210, 3.0955, -12.9103



246.6280, 4.1274, -17.2138



220.8510, 5.9895, -7.7623



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



220.6730, 6.0772, 10.8108



238.5640, 8.1029, 14.4144



224.7360, -6.2788, 7.2475



110.5430, 3.1833, 5.6628



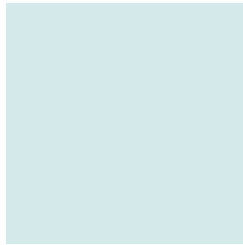
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 226.7210, 3.0955, -12.9103 looks on a white background.

Color Contrast Check

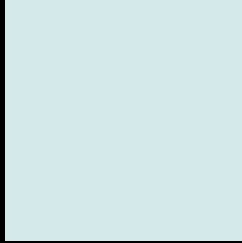
Large Text (above 18pt) WCAG AA × Fail

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 226.7210, 3.0955, -12.9103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

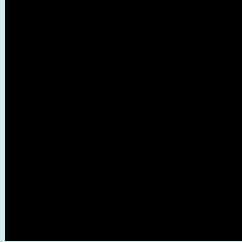
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

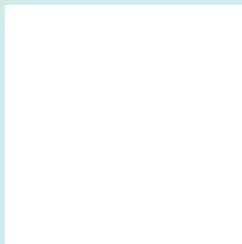
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.7210, 3.0955, -12.9103

Background



This preview shows how black text looks on a background with the YUV color 226.7210, 3.0955, -12.9103.



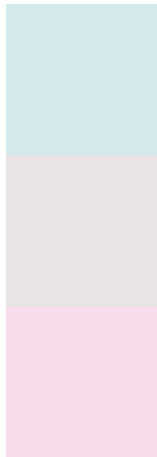
This preview shows how white text looks on a background with the YUV color 226.7210, 3.0955,

-12.9103.

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

226.7210, 3.0955, -12.9103

Protanopia

228.8370, 0.5734, 2.7740

Deuteranopia

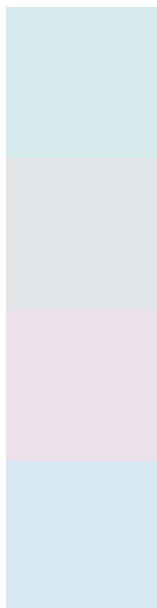
230.3700, 2.2826, 14.5845



Tritanopia

228.2680, 10.2209, -11.6360

Trichromacy



Original Color

226.7210, 3.0955, -12.9103

Protanomaly

228.0320, 1.4632, -2.6591

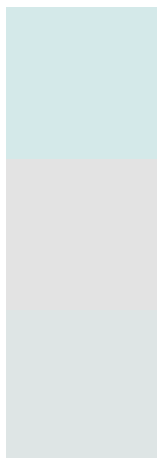
Deuteranomaly

228.7170, 2.6045, 4.6332

Tritanomaly

227.8720, 7.4581, -12.1657

Monochromacy



Original Color

226.7210, 3.0955, -12.9103

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7210, 3.0955, -12.9103 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(212, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(212, 233, 233)  
}
```

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(212, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 233) }
```

Border

The CSS property to change the border of an element to YUV 226.7210, 3.0955, -12.9103 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(212, 233, 233) }
```


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

```
.border{ border-color:rgb(212, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(212, 233,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 226.7210, 3.0955, -12.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 233) }
```

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

```
.background{ background-color: rgb(212,  
233, 233) }
```

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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