

Converting Colors

YUV(226.5190, 2.7021,
-26.7652)

Have a look what the booklet for
YUV(226.5190, 2.7021, -26.7652)
contains.

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Color

**YUV(226.5190, 2.7021,
-26.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F1E8
RGB	196, 241, 232
RGB Percent	77%, 95%, 91%
CMY	0.2314, 0.0549, 0.0902
CMYK	0.19, 0.00, 0.04, 0.05
HSL	168°, 62%, 86%
HSV	168°, 19%, 95%
XYZ	68.7857, 80.4726, 88.2513
YIQ	226.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

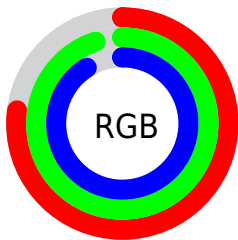
Format	Color
R _{YB}	196, 221, 241
Decimal	12906984
CIE Lab	91.90, -16.16, -0.45
CIE LCh	92, 16.170, 181.577
Yxy	80.4726, 0.2896, 0.3388
Android (android.graphics.Color)	4291097064 (0xFFC4F1E8)
YUV	226.5190, 2.7021, -26.7652
Hunter-Lab	89.7065, -20.1150, 4.4663

Details

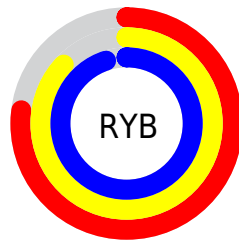
The YUV color $226.5190, 2.7021, -26.7652$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $210.4810, -2.7021, 26.7652$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $171.1170, 2.4073, -25.5356$ is the 20% darker color. If you saturate the color by 10%, you get $218.7730, 4.0559, -41.0199$, and if you desaturate by 10%, it is $234.2650, 1.3484, -12.5104$.

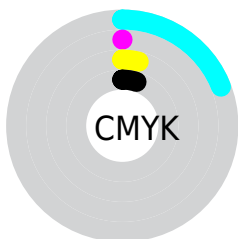
Distribution



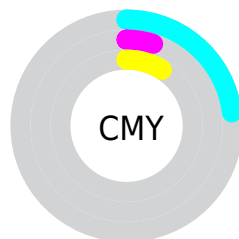
- Red (77%)
- Green (95%)
- Blue (91%)



- Red (77%)
- Yellow (87%)
- Blue (95%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (23%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.5190, 2.7021, -26.7652 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 226.5190, 2.7021, -26.7652 by changing the saturation by 10% instead.

■ 226.5190, 2.7021,
-26.7652

■ 226.5190, 2.7021,
-26.7652

255.0000, 0.0000,
0.0000

■ 198.5190, 2.7021,
-26.7652

254.4020, 0.2948,
-1.2296

■ 171.1170, 2.4073,
-25.5356

■ 144.2310, 2.8441,
-25.6356

■ 118.5300, 2.6967,
-25.0208

■ 93.2420, 2.8387,
-23.8912

■ 69.2420, 2.8387,
-23.8912

■ 45.7580, 3.5703,

-25.2208

■ 25.3670, 3.2701,
-22.2469

■ 8.5430, -0.2677,
-7.4922

■ 226.5190, 2.7021,
-26.7652

■ 226.5190, 2.7021,
-26.7652

■ 218.7730, 4.0559,
-41.0199

■ 234.2650, 1.3484,
-12.5104

■ 211.0270, 5.4097,
-55.2747

■ 242.0110, -0.0054,
1.7444

■ 203.3950, 7.2003,
-69.6294

■ 245.7560, 0.1203,
8.1070

■ 195.6490, 8.5540,
-83.8842

■ 246.3260, 2.3043,
7.6071

■ 187.9030, 9.9078,
-98.1389

■ 246.7820, 4.0515,
7.2072

■ 179.8580, 11.4090,
-113.0085

■ 172.1120, 12.7628,
-127.2632

■ 164.3660, 14.1166,
-141.5180

■ 163.4690, 14.5588,
-143.3623

Harmonies

Analogous

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



227.5220, -5.1873, -16.2438



226.5190, 2.7021, -26.7652



226.4460, 10.1331, -30.2091

Triad

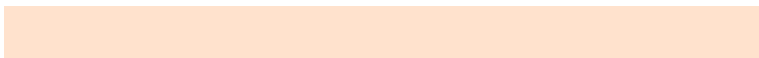
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.5190, 2.7021, -26.7652



233.4700, 10.6143, 2.2188



232.2770, -13.4476, 19.9281

Complementary

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



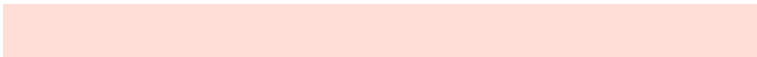
226.5190, 2.7021, -26.7652



210.4810, -2.7021, 26.7652

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.



231.1830, -7.4852, 20.8875



226.5190, 2.7021, -26.7652



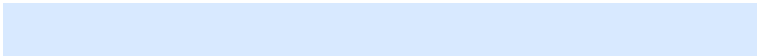
234.7060, 6.0609, 16.0438

Square

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



226.5190, 2.7021, -26.7652



230.4250, 12.1155, -12.6507



232.3060, -0.6439, 19.9026



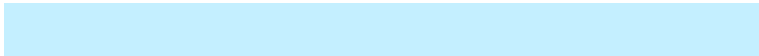
231.4670, -15.0202, 10.9914

Rectangle

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



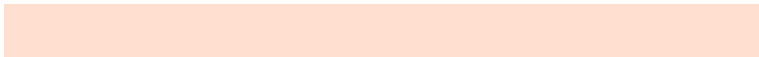
226.5190, 2.7021, -26.7652



227.9670, 13.3273, -28.0351



232.3060, -0.6439, 19.9026



231.4450, -11.5584, 20.6577

Sweetspot

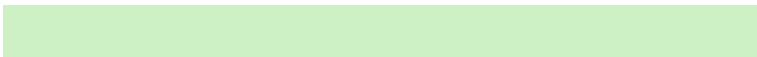
The Sweet Spot groups the original color and five complimentary colors.



226.5190, 2.7021, -26.7652



250.1730, 0.9007, -8.9217



225.1060, -14.3493, -17.6330



125.0810, 0.4531, -5.3330



0.0000, 0.0000, 0.0000



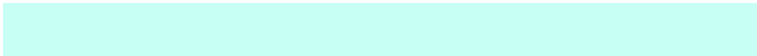
128.0000, 0.0000, 0.0000

Same Dimension

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



226.5190, 2.7021, -26.7652



237.0020, 3.4500, -33.3278



219.3270, 10.6848, -20.4578



116.0700, 0.4585, -7.0774



124.7660, 10.9614, -109.4198



38.0020, 3.4500, -33.3278

Inverse Universe

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



210.4810, -2.7021, 26.7652



216.9980, -3.4500, 33.3278



217.0860, -10.3954, 20.9726



111.8160, -0.8953, 7.1774



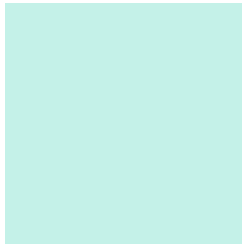
59.2340, -10.9614, 109.4198



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 226.5190, 2.7021, -26.7652 looks on a white background.

Color Contrast Check

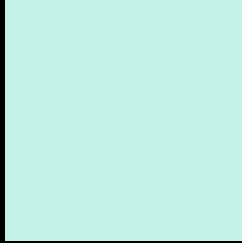
Large Text (above 18pt) WCAG AA × Fail

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 226.5190, 2.7021, -26.7652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

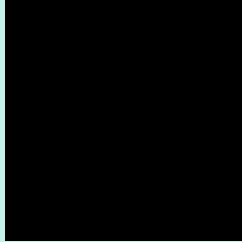
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

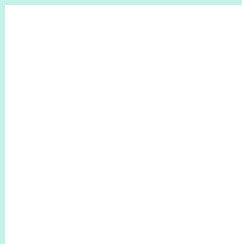
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.5190, 2.7021, -26.7652

Background



This preview shows how black text looks on a background with the YUV color 226.5190, 2.7021, -26.7652.



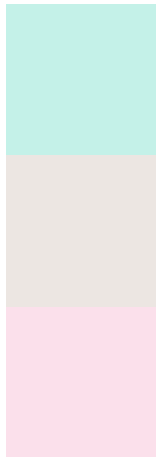
This preview shows how white text looks on a background with the YUV color 226.5190, 2.7021, -26.7652.

-26.7652.

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

226.5190, 2.7021, -26.7652

Protanopia

231.3380, -2.6316, 4.0886

Deuteranopia

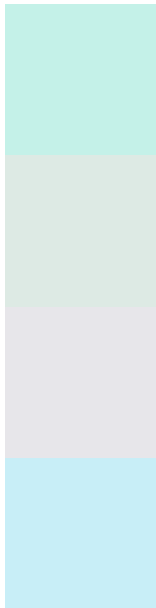
233.3270, 0.8248, 15.4992



Tritanopia

228.5870, 13.0216, -23.3168

Trichromacy



Original Color

226.5190, 2.7021, -26.7652

Protanomaly

229.4290, -0.7045, -7.3922

Deuteranomaly

230.7550, 1.5998, 0.2149

Tritanomaly

227.6640, 9.5326, -24.2613

Monochromacy



Original Color

226.5190, 2.7021, -26.7652

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8740, 1.0481, -9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5190, 2.7021, -26.7652 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(196, 241, 232)` looks like.

```
.text, #text, p{  
    color:rgb(196, 241, 232)  
}
```

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(196, 241, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 241, 232) }
```

Border

The CSS property to change the border of an element to YUV 226.5190, 2.7021, -26.7652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

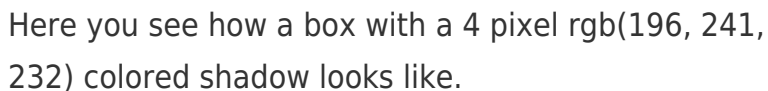
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 241, 232) }
```


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

```
.border{ border-color:rgb(196, 241, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 241, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 241, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 241, 232);  
box-shadow:4px 4px 4px 4px rgb(196, 241,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 226.5190, 2.7021, -26.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 241, 232) }
```

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

```
.background{ background-color: rgb(196,  
241, 232) }
```

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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