

Converting Colors

YUV(226.0720, 7.3595,
-27.2501)

Have a look what the booklet for
YUV(226.0720, 7.3595, -27.2501)
contains.

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Color

**YUV(226.0720, 7.3595,
-27.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EFF1
RGB	195, 239, 241
RGB Percent	76%, 94%, 95%
CMY	0.2353, 0.0627, 0.0549
CMYK	0.19, 0.01, 0.00, 0.05
HSL	183°, 62%, 85%
HSV	183°, 19%, 95%
XYZ	69.2494, 79.6860, 94.9502
YIQ	226.0720, -26.8660, -8.7060

Conversions

Conversions Part 2

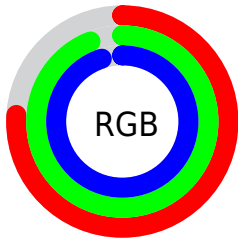
Format	Color
R_{YB}	195, 217, 241
Decimal	12840945
CIE _{Lab}	91.54, -13.64, -5.66
CIE _{LCh}	92, 14.764, 202.529
Yxy	79.6860, 0.2839, 0.3267
Android (android.graphics.Color)	4291031025 (0xFFC3EFF1)
YUV	226.0720, 7.3595, -27.2501
Hunter-Lab	89.2670, -17.7449, -0.5778

Details

The YUV color $226.0720, 7.3595, -27.2501$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.9280, -7.3595, 27.2501$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $170.3710, 7.2121, -26.6354$ is the 20% darker color. If you saturate the color by 10%, you get $218.3090, 11.1867, -41.4900$, and if you desaturate by 10%, it is $233.8350, 3.5323, -13.0103$.

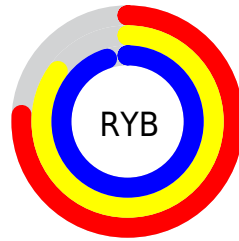
Distribution



Red (76%)

Green (94%)

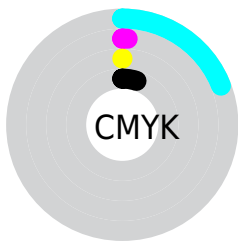
Blue (95%)



Red (76%)

Yellow (85%)

Blue (95%)

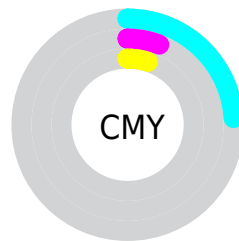


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.0720, 7.3595, -27.2501 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 226.0720, 7.3595, -27.2501 by changing the saturation by 10% instead.

■ 226.0720, 7.3595,
-27.2501

■ 226.0720, 7.3595,
-27.2501

■ 255.0000, 0.0000,
0.0000

■ 198.0720, 7.3595,
-27.2501

■ 254.1030, 0.4422,
-1.8443

■ 170.3710, 7.2121,
-26.6354

■ 143.6700, 7.0647,
-26.0206

■ 117.9690, 6.9173,
-25.4058

■ 92.9690, 6.9173,
-25.4058

■ 68.9690, 6.9173,
-25.4058

■ 44.4850, 7.6489,

-26.7353

■ 25.4640, 6.1802,
-22.3319

■ 8.3950, 4.2423,
-7.3624

■ 226.0720, 7.3595,
-27.2501

■ 226.0720, 7.3595,
-27.2501

■ 218.3090, 11.1867,
-41.4900

■ 233.8350, 3.5323,
-13.0103

■ 210.5460, 15.0138,
-55.7298

■ 241.5980, -0.2948,
1.2296

■ 202.7830, 18.8410,
-69.9697

■ 245.7730, -2.3531,
8.0921

■ 195.0200, 22.6681,
-84.2095

■ 246.3600, -2.6425,
7.5773

■ 186.9580, 26.6427,
-99.0642

■ 246.9470, -2.9319,
7.0625

■ 179.1950, 30.4699,
-113.3040

■ 247.5340, -3.2213,
6.5477

■ 171.4320, 34.2970,
-127.5439

■ 248.1210, -3.5107,
6.0329

■ 163.6690, 38.1242,
-141.7837

■ 248.7080, -3.8000,
5.5181

■ 163.0710, 38.4190,
-143.0133

■ 249.2950, -4.0894,
5.0033

Harmonies

Analogous

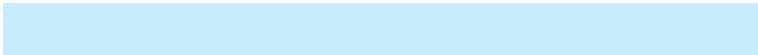
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.2700, 0.3599, -22.1618



226.0720, 7.3595, -27.2501



227.4620, 12.5902, -24.9612

Triad

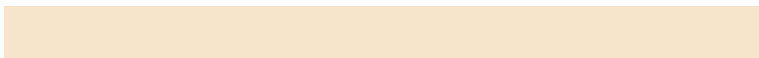
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.0720, 7.3595, -27.2501



233.3140, 7.2402, 11.1256



231.1190, -13.8627, 13.0506

Complementary

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



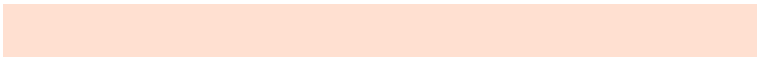
226.0720, 7.3595, -27.2501



209.9280, -7.3595, 27.2501

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.



231.5590, -11.1216, 20.5578



226.0720, 7.3595, -27.2501



232.7620, 1.1033, 19.5027

Square

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



226.0720, 7.3595, -27.2501



231.3770, 11.6461, -2.0846



231.6390, -5.7380, 20.4876



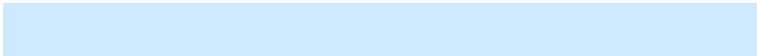
229.2100, -11.9355, 1.5698

Rectangle

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



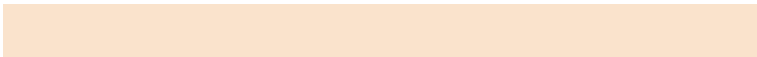
226.0720, 7.3595, -27.2501



228.3210, 13.1527, -18.6985



231.6390, -5.7380, 20.4876



231.2550, -13.4367, 16.4394

Sweetspot

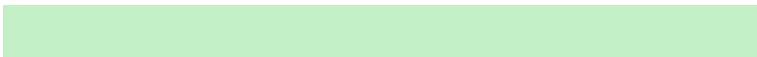
The Sweet Spot groups the original color and five complimentary colors.



226.0720, 7.3595, -27.2501



249.9280, 2.5005, -8.7069



222.2300, -12.4384, -23.8807



124.7220, 1.6161, -5.0182



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.



226.0720, 7.3595, -27.2501



235.5980, 9.5652, -34.7274



212.5710, 14.0155, -15.4098



115.8250, 2.0583, -6.8625



124.2880, 29.4380, -109.0006



38.0820, 8.8336, -33.3979

Inverse Universe

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



213.7700, 12.4384, 23.8807



220.0250, 15.7637, 30.6731



223.4290, -14.0155, 15.4098



112.8420, 3.0359, 6.2776



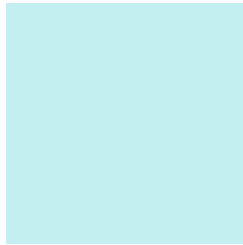
75.0800, 49.7536, 95.5228



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 226.0720, 7.3595, -27.2501 looks on a white background.

Color Contrast Check

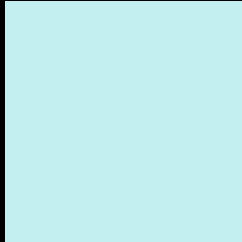
Large Text (above 18pt) WCAG AA × Fail

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 226.0720, 7.3595, -27.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

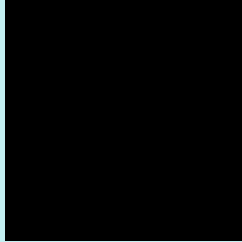
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.0720, 7.3595, -27.2501

Background



This preview shows how black text looks on a background with the YUV color 226.0720, 7.3595, -27.2501.



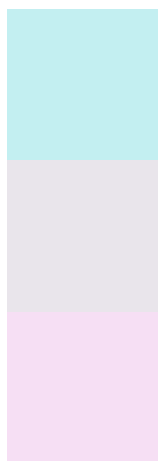
This preview shows how white text looks on a background with the YUV color 226.0720, 7.3595, -27.2501.

-27.2501.

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

226.0720, 7.3595, -27.2501

Protanopia

230.8800, 2.0312, 1.8592

Deuteranopia

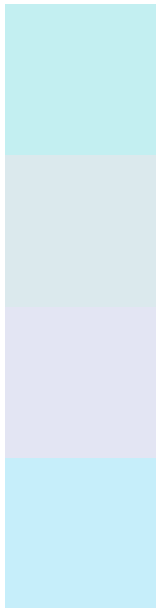
232.2710, 5.7824, 12.0403



Tritanopia

227.6900, 13.4638, -25.1611

Trichromacy



Original Color

226.0720, 7.3595, -27.2501

Protanomaly

229.2700, 3.8109, -9.0068

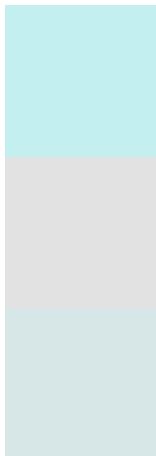
Deuteranomaly

229.9980, 6.4100, -2.6292

Tritanomaly

227.4080, 11.1379, -25.7908

Monochromacy



Original Color

226.0720, 7.3595, -27.2501

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2160, 2.3585, -9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.0720, 7.3595, -27.2501 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(195, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(195, 239, 241)  
}
```

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(195, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 239, 241) }
```

Border

The CSS property to change the border of an element to YUV 226.0720, 7.3595, -27.2501 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(195, 239, 241) }
```


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

```
.border{ border-color:rgb(195, 239, 241) }
```

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

Here you see how a box with a 4 pixel rgb(195, 239, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(195, 239,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 226.0720, 7.3595, -27.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 239, 241) }
```

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

```
.background{ background-color: rgb(195,  
239, 241) }
```

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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