

Converting Colors

YUV(212.6420, 9.5435,
-27.7500)

Have a look what the booklet for
YUV(212.6420, 9.5435, -27.7500)
contains.

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Color

**YUV(212.6420, 9.5435,
-27.7500)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5E1E8 |
| RGB | 181, 225, 232 |
| RGB Percent | 71%, 88%, 91% |
| CMY | 0.2902, 0.1176, 0.0902 |
| CMYK | 0.22, 0.03, 0.00, 0.09 |
| HSL | 188°, 53%, 81% |
| HSV | 188°, 22%, 91% |
| XYZ | 60.5468, 69.5004, 86.5677 |
| YIQ | 212.6420, -28.4710, -7.1510 |

Conversions

Conversions Part 2

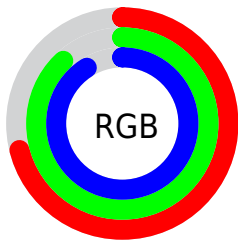
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 181, 205, 232 |
| Decimal | 11919848 |
| CIELab | 86.75, -12.68, -8.12 |
| CIELCh | 87, 15.055, 212.651 |
| Yxy | 69.5004, 0.2795, 0.3208 |
| Android (android.graphics.Color) | 4290109928 (0xFFB5E1E8) |
| YUV | 212.6420, 9.5435, -27.7500 |
| Hunter-Lab | 83.3669, -16.2531, -3.2096 |

Details

The YUV color $212.6420, 9.5435, -27.7500$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $200.3580, -9.5435, 27.7500$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $157.8270, 8.9593, -27.0353$ is the 20% darker color. If you saturate the color by 10%, you get $204.0040, 13.8020, -40.3455$, and if you desaturate by 10%, it is $221.2800, 5.2850, -15.1546$.

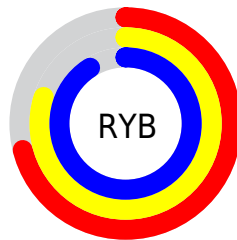
Distribution



Red (71%)

Green (88%)

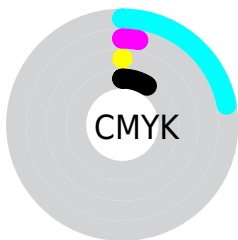
Blue (91%)



Red (71%)

Yellow (80%)

Blue (91%)

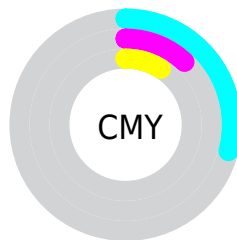


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6420, 9.5435, -27.7500 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 212.6420, 9.5435, -27.7500 by changing the saturation by 10% instead.

■ 212.6420, 9.5435,
-27.7500

■ 212.6420, 9.5435,
-27.7500

255.0000, 0.0000,
0.0000

■ 184.9410, 9.3961,
-27.1353

■ 249.9170, 2.5059,
-10.4512

■ 157.8270, 8.9593,
-27.0353

■ 131.2400, 9.2487,
-26.5205

■ 106.1260, 8.8119,
-26.4205

■ 81.1260, 8.8119,
-26.4205

■ 56.8270, 8.9593,
-27.0353

■ 33.6310, 9.5489,

-29.4944

■ 19.3830, 5.7272,
-16.9989

■ 0.6840, 2.6208,
-0.5999

■ 212.6420, 9.5435,
-27.7500

■ 212.6420, 9.5435,
-27.7500

■ 204.0040, 13.8020,
-40.3455

■ 221.2800, 5.2850,
-15.1546

■ 195.3660, 18.0606,
-52.9410

■ 229.9180, 1.0264,
-2.5591

■ 185.8420, 22.7559,
-65.6364

■ 239.4420, -3.6689,
10.1364

■ 177.2040, 27.0144,
-78.2319

■ 242.3990, -5.1267,
11.0511

■ 168.5660, 31.2730,
-90.8274

■ 244.1600, -5.9949,
9.5067

■ 159.9280, 35.5315,
-103.4229

■ 245.9210, -6.8631,
7.9623

■ 151.2900, 39.7900,
-116.0183

■ 247.6820, -7.7312,
6.4179

■ 143.8480, 43.4589,
-126.1547

■ 249.4430, -8.5994,
4.8735

■ 251.7910, -9.7570,
2.8143

Harmonies

Analogous

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



212.5300, 2.6967, -25.0208



212.6420, 9.5435, -27.7500



214.1140, 13.7478, -22.9020

Triad

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



212.6420, 9.5435, -27.7500



219.8800, 5.4822, 15.0142



217.0970, -13.8518, 9.5619

Complementary

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



212.6420, 9.5435, -27.7500



200.3580, -9.5435, 27.7500

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.



218.3910, -13.0108, 19.8281



212.6420, 9.5435, -27.7500



219.6870, -1.8177, 23.0765

Square

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



212.6420, 9.5435, -27.7500



218.8830, 10.9037, 2.7336



219.5640, -8.6591, 24.0614



214.8180, -10.7563, -3.3484

Rectangle

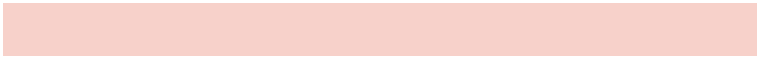
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.6420, 9.5435, -27.7500



215.6850, 14.4523, -15.5097



219.5640, -8.6591, 24.0614



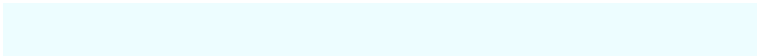
217.1190, -13.8627, 13.0506

Sweetspot

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



212.6420, 9.5435, -27.7500



248.4440, 3.2321, -10.0364



211.7350, -11.7014, -26.9546



123.5370, 2.2003, -5.7329



0.0000, 0.0000, 0.0000



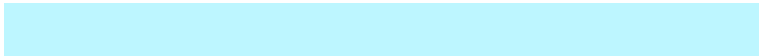
128.0000, 0.0000, 0.0000

Same Dimension

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



212.6420, 9.5435, -27.7500



229.9830, 12.3334, -35.9421



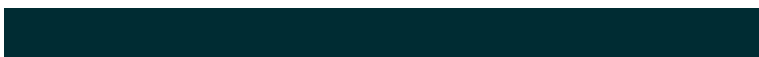
197.9670, 16.7783, -14.8801



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Inverse Universe

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



201.2650, 11.7014, 26.9546



215.2320, 15.1686, 34.8765



215.0330, -16.7783, 14.8801



107.7280, 2.5991, 6.3775



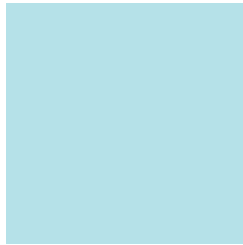
71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 212.6420, 9.5435, -27.7500 looks on a white background.

Color Contrast Check

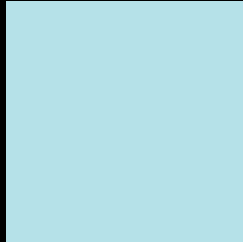
Large Text (above 18pt) WCAG AA × Fail

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 212.6420, 9.5435, -27.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

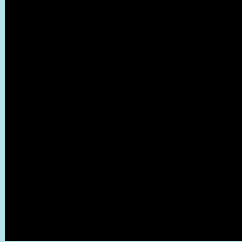
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.6420, 9.5435, -27.7500

Background



This preview shows how black text looks on a background with the YUV color 212.6420, 9.5435, -27.7500.



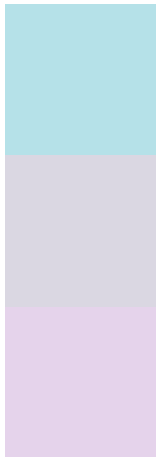
This preview shows how white text looks on a background with the YUV color 212.6420, 9.5435, -27.7500.

-27.7500.

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

212.6420, 9.5435, -27.7500

Protanopia

217.1510, 4.3626, 0.7446

Deuteranopia

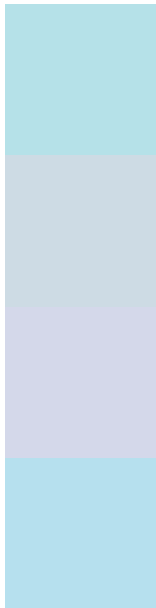
219.1180, 7.8298, 8.6665



Tritanopia

213.6790, 13.4693, -26.9055

Trichromacy



Original Color

212.6420, 9.5435, -27.7500

Protanomaly

215.8400, 5.9949, -9.5067

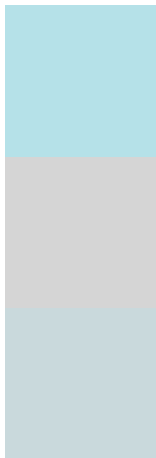
Deuteranomaly

216.8560, 8.4520, -4.2587

Tritanomaly

213.0380, 12.3063, -27.2203

Monochromacy



Original Color

212.6420, 9.5435, -27.7500

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.5580, 3.6689, -10.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6420, 9.5435, -27.7500 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(181, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 225, 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(181, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 225, 232) }
```

Border

The CSS property to change the border of an element to YUV 212.6420, 9.5435, -27.7500 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(181, 225, 232) }
```


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

```
.border{ border-color:rgb(181, 225, 232) }
```

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

Here you see how a box with a 4 pixel rgb(181, 225, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 225,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 212.6420, 9.5435, -27.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 225, 232) }
```

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

```
.background{ background-color: rgb(181,  
225, 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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