

Converting Colors

YUV(218.7900, 5.0335,
-27.8798)

Have a look what the booklet for
YUV(218.7900, 5.0335, -27.8798)
contains.

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Color

**YUV(218.7900, 5.0335,
-27.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE9E5
RGB	187, 233, 229
RGB Percent	73%, 91%, 90%
CMY	0.2667, 0.0863, 0.1020
CMYK	0.20, 0.00, 0.02, 0.09
HSL	175°, 51%, 82%
HSV	175°, 20%, 91%
XYZ	63.7753, 74.4998, 85.1473
YIQ	218.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

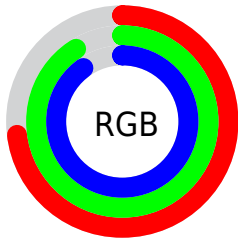
Format	Color
RYB	187, 211, 233
Decimal	12315109
CIELab	89.16, -15.54, -2.95
CIELCh	89, 15.815, 190.765
Yxy	74.4998, 0.2854, 0.3334
Android (android.graphics.Color)	4290505189 (0xFFBBE9E5)
YUV	218.7900, 5.0335, -27.8798
Hunter-Lab	86.3132, -19.1578, 1.9302

Details

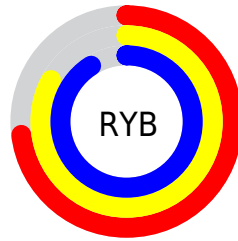
The YUV color $218.7900, 5.0335, -27.8798$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $201.2100, -5.0335, 27.8798$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, 1.6215, -6.7625$, and $163.5020, 5.1755, -26.7503$ is the 20% darker color. If you saturate the color by 10%, you get $211.6850, 7.5503, -41.8197$, and if you desaturate by 10%, it is $225.8950, 2.5168, -13.9399$.

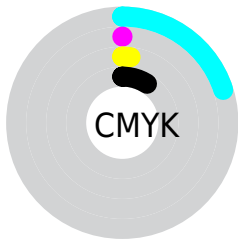
Distribution



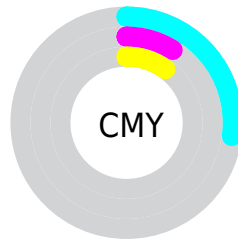
- Red (73%)
- Green (91%)
- Blue (90%)



- Red (73%)
- Yellow (83%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.7900, 5.0335, -27.8798 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 218.7900, 5.0335, -27.8798 by changing the saturation by 10% instead.

■ 218.7900, 5.0335,
-27.8798

■ 218.7900, 5.0335,
-27.8798

255.0000, 0.0000,
0.0000

■ 191.0890, 4.8861,
-27.2651

■ 251.7110, 1.6215,
-6.7625

■ 163.5020, 5.1755,
-26.7503

■ 136.8010, 5.0281,
-26.1355

■ 111.6870, 4.5913,
-26.0355

■ 86.8010, 5.0281,
-26.1355

■ 62.8010, 5.0281,
-26.1355

■ 38.6050, 5.6177,

-28.5946

■ 21.5030, 3.6960,
-18.8581

■ 0.4560, 1.7472,
-0.3999

■ 218.7900, 5.0335,
-27.8798

■ 218.7900, 5.0335,
-27.8798

■ 211.6850, 7.5503,
-41.8197

■ 225.8950, 2.5168,
-13.9399

■ 204.2810, 10.2145,
-56.3744

■ 233.2990, -0.1474,
0.6148

■ 197.1760, 12.7312,
-70.3144

■ 239.8060, -2.3694,
13.3251

■ 190.0710, 15.2480,
-84.2543

■ 240.0340, -1.4958,
13.1252

■ 182.6670, 17.9122,
-98.8090

■ 240.2620, -0.6222,
12.9252

■ 175.5620, 20.4289,
-112.7489

■ 240.4900, 0.2514,
12.7253

■ 168.4570, 22.9457,
-126.6888

■ 240.7180, 1.1250,
12.5253

■ 161.3520, 25.4625,
-140.6287

■ 240.9460, 1.9986,
12.3254

■ 161.0530, 25.6099,
-141.2435

■ 241.1740, 2.8722,
12.1254

Harmonies

Analogous

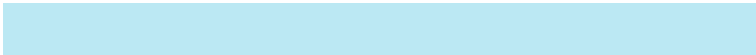
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.4830, -2.7031, -19.7176



218.7900, 5.0335, -27.8798



219.7990, 11.4381, -28.7647

Triad

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



218.7900, 5.0335, -27.8798



226.0900, 10.3086, 6.9371



224.7390, -14.1683, 17.7689

Complementary

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



218.7900, 5.0335, -27.8798



201.2100, -5.0335, 27.8798

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.



226.4070, -10.5537, 25.0761



218.7900, 5.0335, -27.8798



227.3320, 3.2873, 19.0028

Square

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



218.7900, 5.0335, -27.8798



224.0280, 14.2832, -7.9176



226.8290, -3.8597, 24.7060



223.2600, -14.4252, 6.7880

Rectangle

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



218.7900, 5.0335, -27.8798



220.9180, 14.3374, -25.3611



226.8290, -3.8597, 24.7060



224.9890, -13.3056, 21.0576

Sweetspot

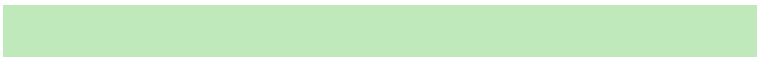
The Sweet Spot groups the original color and five complimentary colors.



218.7900, 5.0335, -27.8798



250.4010, 1.7743, -9.1217



215.4970, -14.0490, -20.6069



125.1950, 0.8899, -5.4330



0.0000, 0.0000, 0.0000



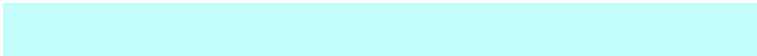
128.0000, 0.0000, 0.0000

Same Dimension

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



218.7900, 5.0335, -27.8798



236.1910, 6.8078, -37.0015



208.6800, 11.9898, -19.0134



113.5970, 1.1847, -6.6626



125.0570, 19.6919, -109.6750



37.2840, 5.7760, -32.6981

Inverse Universe

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



201.2100, -5.0335, 27.8798



212.8090, -6.8078, 37.0015



211.3200, -11.9898, 19.0134



109.4030, -1.1847, 6.6626



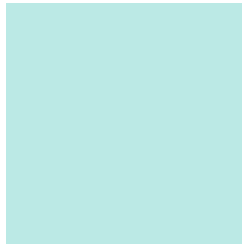
55.9430, -19.6919, 109.6750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 218.7900, 5.0335, -27.8798 looks on a white background.

Color Contrast Check

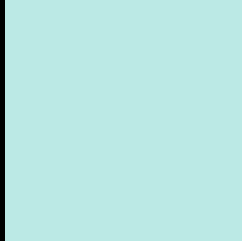
Large Text (above 18pt) WCAG AA × Fail

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 218.7900, 5.0335, -27.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

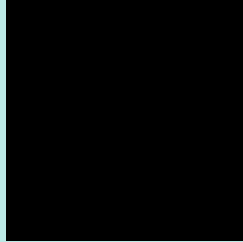
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

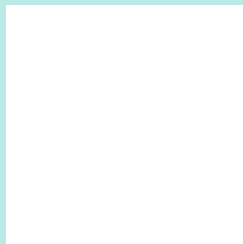
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.7900, 5.0335, -27.8798

Background



This preview shows how black text looks on a background with the YUV color 218.7900, 5.0335, -27.8798.



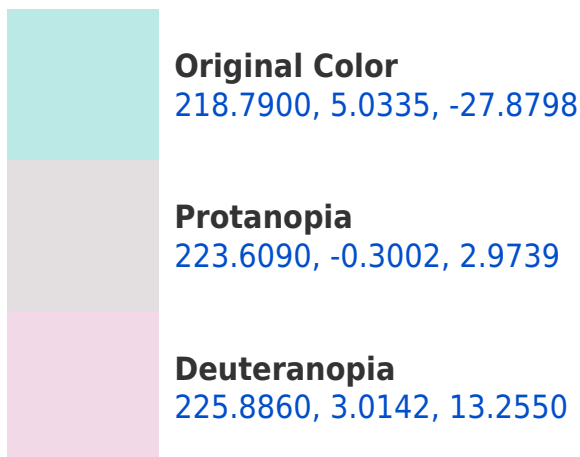
This preview shows how white text looks on a background with the YUV color 218.7900, 5.0335, -27.8798.

-27.8798.

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

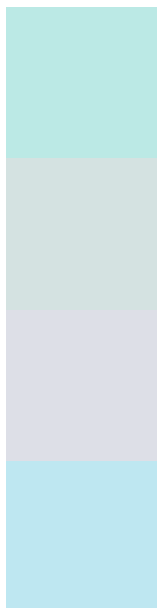




Tritanopia

220.3910, 13.6112, -25.7759

Trichromacy



Original Color

218.7900, 5.0335, -27.8798

Protanomaly

221.7000, 1.6269, -8.5069

Deuteranomaly

223.3140, 3.7892, -2.0294

Tritanomaly

219.8810, 10.4117, -26.2056

Monochromacy



Original Color

218.7900, 5.0335, -27.8798

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.7900, 5.0335, -27.8798 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(187, 233, 229)` looks like.

```
.text, #text, p{  
    color:rgb(187, 233, 229)  
}
```

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(187, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 233, 229) }
```

Border

The CSS property to change the border of an element to YUV 218.7900, 5.0335, -27.8798 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(187, 233, 229) }
```


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

```
.border{ border-color:rgb(187, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 233, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 233, 229); box-shadow:4px 4px 4px 4px rgb(187, 233, 229) }
```

Background

The CSS property to change the background color of an element to YUV 218.7900, 5.0335, -27.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 233, 229) }
```

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

```
.background{ background-color: rgb(187,  
233, 229) }
```

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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