

Converting Colors

YUV(217.2900, 6.7590,
-21.3023)

Have a look what the booklet for
YUV(217.2900, 6.7590, -21.3023)
contains.

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Color

**YUV(217.2900, 6.7590,
-21.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E3E7
RGB	193, 227, 231
RGB Percent	76%, 89%, 91%
CMY	0.2431, 0.1098, 0.0941
CMYK	0.16, 0.02, 0.00, 0.09
HSL	186°, 44%, 83%
HSV	186°, 16%, 91%
XYZ	63.8852, 72.0451, 86.1403
YIQ	217.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

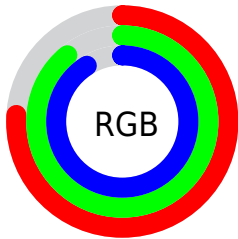
Format	Color
R_{YB}	193, 211, 231
Decimal	12706791
CIE Lab	87.99, -10.25, -5.68
CIE LCh	88, 11.720, 208.994
Yxy	72.0451, 0.2877, 0.3244
Android (android.graphics.Color)	4290896871 (0xFFC1E3E7)
YUV	217.2900, 6.7590, -21.3023
Hunter-Lab	84.8794, -14.1894, -0.7552

Details

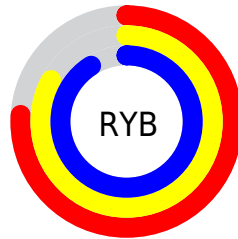
The YUV color $217.2900, 6.7590, -21.3023$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $206.7100, -6.7590, 21.3023$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $162.4750, 6.1748, -20.5876$ is the 20% darker color. If you saturate the color by 10%, you get $209.2390, 10.7282, -34.4126$, and if you desaturate by 10%, it is $225.3410, 2.7899, -8.1921$.

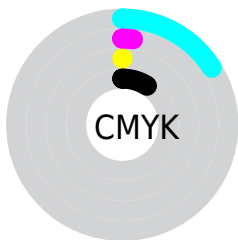
Distribution



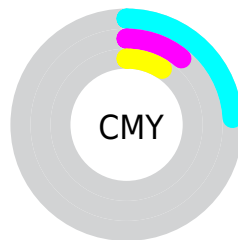
- Red (76%)
- Green (89%)
- Blue (91%)



- Red (76%)
- Yellow (83%)
- Blue (91%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2900, 6.7590, -21.3023 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 217.2900, 6.7590, -21.3023 by changing the saturation by 10% instead.

■ 217.2900, 6.7590,
-21.3023

■ 217.2900, 6.7590,
-21.3023

255.0000, 0.0000,
0.0000

■ 189.5890, 6.6116,
-20.6876

■ 253.5050, 0.7370,
-3.0739

■ 162.4750, 6.1748,
-20.5876

■ 135.8880, 6.4642,
-20.0728

■ 110.1870, 6.3168,
-19.4580

■ 86.0730, 5.8800,
-19.3580

■ 62.0730, 5.8800,
-19.3580

■ 39.1870, 6.3168,

-19.4580

■ 19.9700, 5.4378,
-17.5137

■ 0.5700, 2.1840,
-0.4999

■ 217.2900, 6.7590,
-21.3023

■ 217.2900, 6.7590,
-21.3023

■ 209.2390, 10.7282,
-34.4126

■ 225.3410, 2.7899,
-8.1921

■ 200.6010, 14.9867,
-47.0081

■ 233.9790, -1.4686,
4.4034

■ 192.5500, 18.9559,
-60.1183

■ 239.9370, -4.4059,
13.2103

■ 183.9120, 23.2144,
-72.7138

■ 241.6980, -5.2741,
11.6659

■ 175.5620, 27.3309,
-86.4389

■ 242.8720, -5.8529,
10.6363

■ 166.9240, 31.5895,
-99.0343

■ 244.6330, -6.7211,
9.0919

■ 158.8730, 35.5586,
-112.1446

■ 245.8070, -7.2999,
8.0623

■ 150.8220, 39.5278,
-125.2549

■ 246.9810, -7.8786,
7.0327

■ 147.8430, 40.9964,
-129.6583

■ 248.7420, -8.7468,
5.4883

Harmonies

Analogous

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



216.9330, 1.5120, -18.3582



217.2900, 6.7590, -21.3023



218.5230, 10.0952, -17.9987

Triad

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



217.2900, 6.7590, -21.3023



222.9180, 4.4774, 10.5959



220.8950, -10.7942, 8.8621

Complementary

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



217.2900, 6.7590, -21.3023



206.7100, -6.7590, 21.3023

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.



221.5800, -9.6529, 16.1543



217.2900, 6.7590, -21.3023



222.8820, -0.9278, 17.6435

Square

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



217.2900, 6.7590, -21.3023



222.0030, 8.8725, 0.8744



222.8130, -6.3168, 19.4580



218.9970, -8.8725, -0.8744

Rectangle

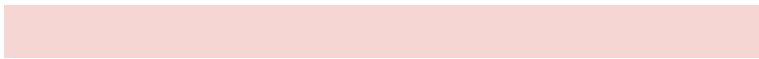
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.2900, 6.7590, -21.3023



219.7840, 10.9525, -12.9656



222.8130, -6.3168, 19.4580



220.6180, -10.6577, 11.7360

Sweetspot

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



217.2900, 6.7590, -21.3023



250.5260, 2.2057, -7.4773



215.7620, -9.2497, -19.9623



125.0210, 1.4686, -4.4034



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.



217.2900, 6.7590, -21.3023



236.8160, 8.9647, -28.7796



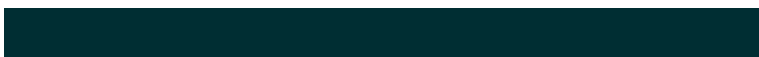
206.1370, 12.2575, -11.5211



110.8250, 2.0583, -6.8625



114.3260, 31.8843, -100.2639



32.8160, 8.9647, -28.7796

Inverse Universe

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



208.2380, 9.2497, 19.9623



224.4930, 12.5750, 26.7546



217.8630, -12.2575, 11.5211



107.8420, 3.0359, 6.2776



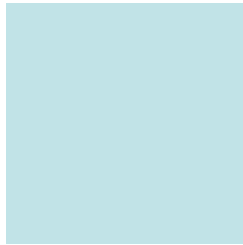
71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 217.2900, 6.7590, -21.3023 looks on a white background.

Color Contrast Check

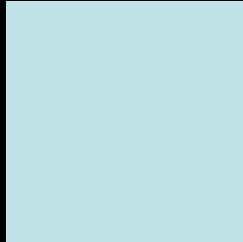
Large Text (above 18pt) WCAG AA × Fail

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 217.2900, 6.7590, -21.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

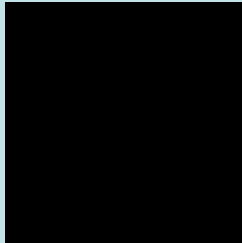
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

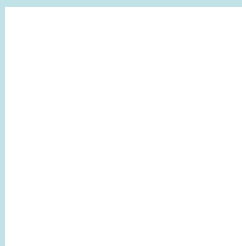
Any Text WCAG AAA ✓ Pass

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

YUV 217.2900, 6.7590, -21.3023 Background



This preview shows how black text looks on a background with the YUV color 217.2900, 6.7590, -21.3023.



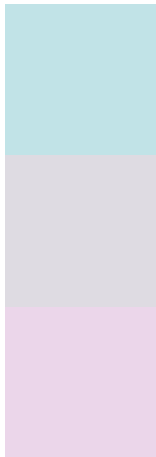
This preview shows how white text looks on a background with the YUV color 217.2900, 6.7590,

-21.3023.

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

217.2900, 6.7590, -21.3023

Protanopia

220.6950, 2.6154, 1.1445

Deuteranopia

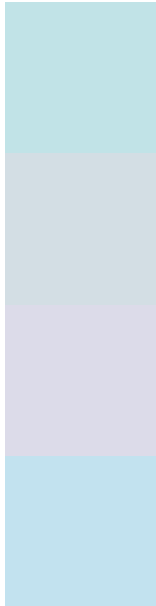
222.5590, 5.6404, 10.9108



Tritanopia

218.0820, 12.2846, -20.2429

Trichromacy



Original Color

217.2900, 6.7590, -21.3023

Protanomaly

219.3950, 4.2423, -7.3624

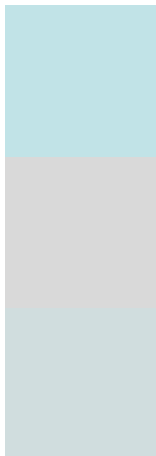
Deuteranomaly

220.8950, 5.9678, -0.7849

Tritanomaly

217.9140, 10.3954, -20.9726

Monochromacy



Original Color

217.2900, 6.7590, -21.3023

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2900, 6.7590, -21.3023 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(193, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(193, 227, 231)  
}
```

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(193, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 227, 231) }
```

Border

The CSS property to change the border of an element to YUV 217.2900, 6.7590, -21.3023 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(193, 227, 231) }
```


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

```
.border{ border-color:rgb(193, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(193, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(193, 227,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 217.2900, 6.7590, -21.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 227, 231) }
```

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

```
.background{ background-color: rgb(193,  
227, 231) }
```

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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