

Converting Colors

YUV(212.9800, 6.9119,
-23.6615)

Have a look what the booklet for
YUV(212.9800, 6.9119, -23.6615)
contains.

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Color

**YUV(212.9800, 6.9119,
-23.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE0E3
RGB	186, 224, 227
RGB Percent	73%, 88%, 89%
CMY	0.2706, 0.1216, 0.1098
CMYK	0.18, 0.01, 0.00, 0.11
HSL	184°, 42%, 81%
HSV	184°, 18%, 89%
XYZ	60.7705, 69.2965, 82.8457
YIQ	212.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

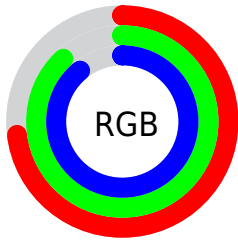
Format	Color
R_{YB}	186, 206, 227
Decimal	12247267
CIE _{Lab}	86.65, -11.71, -5.60
CIE _{LCh}	87, 12.984, 205.559
Yxy	69.2965, 0.2854, 0.3255
Android (android.graphics.Color)	4290437347 (0xFFBAE0E3)
YUV	212.9800, 6.9119, -23.6615
Hunter-Lab	83.2445, -15.3686, -0.7348

Details

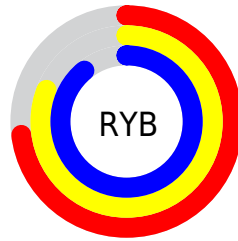
The YUV color $212.9800, 6.9119, -23.6615$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $200.0200, -6.9119, 23.6615$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $158.2790, 6.7645, -23.0467$ is the 20% darker color. If you saturate the color by 10%, you get $204.9290, 10.8810, -36.7717$, and if you desaturate by 10%, it is $221.0310, 2.9427, -10.5512$.

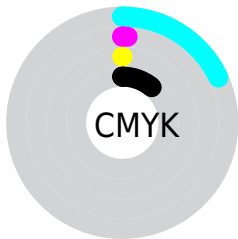
Distribution



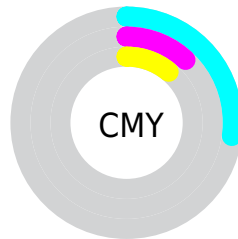
- Red (73%)
- Green (88%)
- Blue (89%)



- Red (73%)
- Yellow (81%)
- Blue (89%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9800, 6.9119, -23.6615 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 212.9800, 6.9119, -23.6615 by changing the saturation by 10% instead.

■ 212.9800, 6.9119,
-23.6615

■ 212.9800, 6.9119,
-23.6615

255.0000, 0.0000,
0.0000

■ 185.2790, 6.7645,
-23.0467

■ 251.4120, 1.7689,
-7.3773

■ 158.2790, 6.7645,
-23.0467

■ 131.5780, 6.6170,
-22.4319

■ 106.5780, 6.6170,
-22.4319

■ 81.8770, 6.4696,
-21.8171

■ 58.1760, 6.3222,
-21.2024

■ 34.9800, 6.9119,

-23.6615

■ 18.4540, 4.7062,
-16.1842

■ 0.0000, 0.0000,
0.0000

■ 212.9800, 6.9119,
-23.6615

■ 212.9800, 6.9119,
-23.6615

■ 204.9290, 10.8810,
-36.7717

■ 221.0310, 2.9427,
-10.5512

■ 197.7640, 14.4133,
-49.7820

■ 228.1960, -0.5896,
2.4591

■ 189.7130, 18.3825,
-62.8923

■ 236.2470, -4.5588,
15.5694

■ 181.6620, 22.3516,
-76.0026

■ 237.7200, -5.2850,
15.1546

■ 174.4970, 25.8840,
-89.0129

■ 238.3070, -5.5744,
14.6398

■ 166.4460, 29.8531,
-102.1231

■ 239.4810, -6.1531,
13.6102

■ 158.3950, 33.8223,
-115.2334

■ 240.6550, -6.7319,
12.5806

■ 150.9310, 37.5020,
-128.8585

■ 241.2420, -7.0213,
12.0658

■ 149.1480, 38.3810,
-130.8028

■ 242.4160, -7.6001,
11.0362

Harmonies

Analogous

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



212.8080, 1.0807, -20.0026



212.9800, 6.9119, -23.6615



214.1420, 11.2690, -21.1725

Triad

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



212.9800, 6.9119, -23.6615



219.2600, 5.7878, 10.2960



216.6780, -11.6733, 10.8064

Complementary

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



212.9800, 6.9119, -23.6615



200.0200, -6.9119, 23.6615

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.



218.3630, -10.5320, 18.0986



212.9800, 6.9119, -23.6615



219.7080, -0.3490, 18.6731

Square

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



212.9800, 6.9119, -23.6615



217.7470, 10.4777, -0.6551



219.2370, -6.0328, 21.7172



215.0680, -9.8935, -0.0596

Rectangle

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



212.9800, 6.9119, -23.6615



215.4030, 12.1263, -16.1394



219.2370, -6.0328, 21.7172



217.2870, -11.9735, 13.7803

Sweetspot

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



212.9800, 6.9119, -23.6615



250.5260, 2.2057, -7.4773



210.4090, -10.5546, -21.4067



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.



212.9800, 6.9119, -23.6615



235.9080, 9.4124, -32.3683



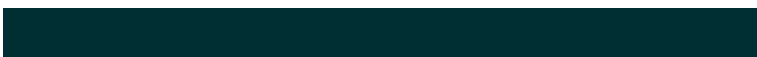
201.2400, 12.6997, -13.3655



110.8250, 2.0583, -6.8625



117.2610, 30.4373, -102.8379



33.4030, 8.6753, -29.2944

Inverse Universe

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



202.5910, 10.5546, 21.4067



221.6720, 14.4587, 29.2287



211.7600, -12.6997, 13.3655



107.8420, 3.0359, 6.2776



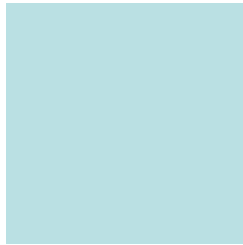
72.3310, 45.6858, 93.5487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 212.9800, 6.9119, -23.6615 looks on a white background.

Color Contrast Check

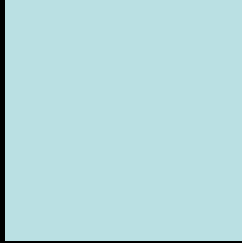
Large Text (above 18pt) WCAG AA × Fail

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 212.9800, 6.9119, -23.6615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

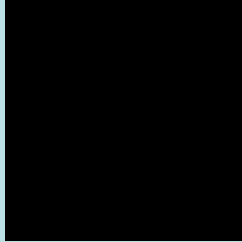
Any Text WCAG AA ✓ Pass

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 212.9800, 6.9119, -23.6615 Background



This preview shows how black text looks on a background with the YUV color 212.9800, 6.9119, -23.6615.



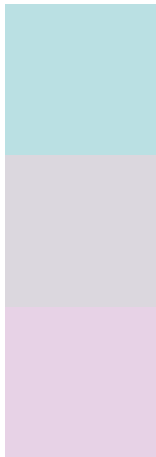
This preview shows how white text looks on a background with the YUV color 212.9800, 6.9119, -23.6615.

-23.6615.

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

212.9800, 6.9119, -23.6615

Protanopia

216.9940, 2.4680, 1.7593

Deuteranopia

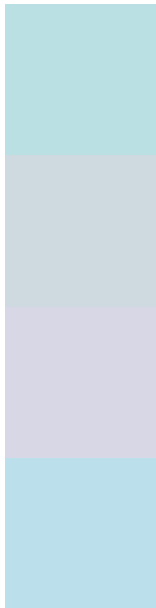
218.5590, 5.6404, 10.9108



Tritanopia

213.8860, 12.8742, -22.7020

Trichromacy



Original Color

212.9800, 6.9119, -23.6615

Protanomaly

215.3950, 4.2423, -7.3624

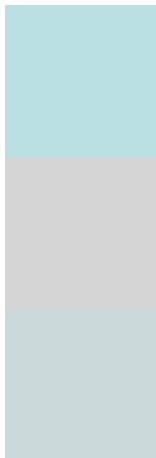
Deuteranomaly

216.5960, 6.1152, -1.3997

Tritanomaly

213.6040, 10.5482, -23.3317

Monochromacy



Original Color

212.9800, 6.9119, -23.6615

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9280, 2.5005, -8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9800, 6.9119, -23.6615 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(186, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 227)  
}
```

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(186, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 227) }
```

Border

The CSS property to change the border of an element to YUV 212.9800, 6.9119, -23.6615 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(186, 224, 227) }
```


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

```
.border{ border-color:rgb(186, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 224,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 212.9800, 6.9119, -23.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 224, 227) }
```

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

```
.background{ background-color: rgb(186,  
224, 227) }
```

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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