

Converting Colors

YUV(212.8120, 5.0227,
-24.3911)

Have a look what the booklet for
YUV(212.8120, 5.0227, -24.3911)
contains.

YUV(212.8120, 5.0227, -24.3911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(212.8120, 5.0227,
-24.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E1DF
RGB	185, 225, 223
RGB Percent	73%, 88%, 87%
CMY	0.2745, 0.1176, 0.1255
CMYK	0.18, 0.00, 0.01, 0.12
HSL	177°, 40%, 80%
HSV	177°, 18%, 88%
XYZ	60.2521, 69.4924, 80.0498
YIQ	212.8120, -23.1980, -9.1020

Conversions

Conversions Part 2

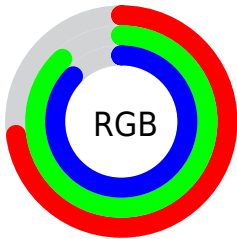
Format	Color
R_{YB}	185, 206, 225
Decimal	12181983
CIE _{Lab}	86.75, -13.36, -3.36
CIE _{LCh}	87, 13.774, 194.109
Yxy	69.4924, 0.2872, 0.3312
Android (android.graphics.Color)	4290372063 (0xFFB9E1DF)
YUV	212.8120, 5.0227, -24.3911
Hunter-Lab	83.3621, -16.8683, 1.4193

Details

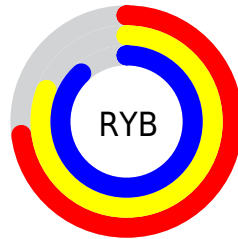
The YUV color $212.8120, 5.0227, -24.3911$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.1880, -5.0227, 24.3911$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $158.1110, 4.8753, -23.7763$ is the 20% darker color. If you saturate the color by 10%, you get $206.1200, 7.8288, -37.8162$, and if you desaturate by 10%, it is $219.8030, 2.0691, -10.3512$.

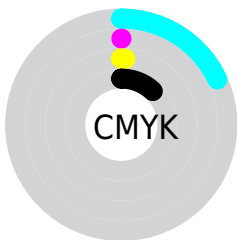
Distribution



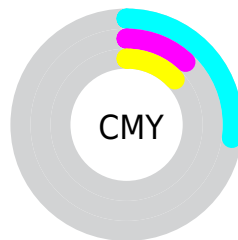
- Red (73%)
- Green (88%)
- Blue (87%)



- Red (73%)
- Yellow (81%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.8120, 5.0227, -24.3911 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 212.8120, 5.0227, -24.3911 by changing the saturation by 10% instead.

■ 212.8120, 5.0227,
-24.3911

■ 212.8120, 5.0227,
-24.3911

255.0000, 0.0000,
0.0000

■ 185.1110, 4.8753,
-23.7763

■ 251.1130, 1.9163,
-7.9921

■ 158.1110, 4.8753,
-23.7763

■ 131.4100, 4.7279,
-23.1616

■ 106.1220, 4.8699,
-22.0320

■ 81.7090, 4.5805,
-22.5468

■ 58.1220, 4.8699,
-22.0320

■ 35.2250, 5.3121,

-23.8763

■ 18.6990, 3.1064,
-16.3990

■ 0.0000, 0.0000,
0.0000

■ 212.8120, 5.0227,
-24.3911

■ 212.8120, 5.0227,
-24.3911

■ 206.1200, 7.8288,
-37.8162

■ 219.8030, 2.0691,
-10.3512

■ 199.1290, 10.7824,
-51.8561

■ 226.4950, -0.7370,
3.0739

■ 192.1380, 13.7360,
-65.8960

■ 233.4860, -3.6906,
17.1138

■ 185.3320, 16.1053,
-79.2212

■ 234.1980, -3.5486,
18.2434

■ 178.6400, 18.9115,
-92.6463

■ 234.4260, -2.6750,
18.0434

■ 171.6490, 21.8650,
-106.6862

■ 234.5400, -2.2382,
17.9434

■ 164.9570, 24.6712,
-120.1113

■ 234.6540, -1.8014,
17.8434

■ 157.9660, 27.6248,
-134.1512

■ 234.7680, -1.3646,
17.7435

■ 156.4710, 28.3618,
-137.2251

■ 234.8820, -0.9278,
17.6435

Harmonies

Analogous

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



213.1350, -1.5456, -17.6584



212.8120, 5.0227, -24.3911



213.8920, 10.4062, -24.4613

Triad

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



212.8120, 5.0227, -24.3911



219.2210, 8.2720, 6.8222



217.7710, -12.7051, 15.1098

Complementary

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



212.8120, 5.0227, -24.3911



197.1880, -5.0227, 24.3911

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.



218.7270, -9.2324, 21.2874



212.8120, 5.0227, -24.3911



220.0930, 2.4192, 17.4584

Square

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



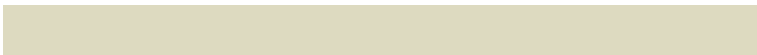
212.8120, 5.0227, -24.3911



217.4690, 12.0938, -5.6733



219.4050, -4.1437, 22.4468



215.9330, -11.7990, 4.4438

Rectangle

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



212.8120, 5.0227, -24.3911



215.0820, 12.2846, -20.2429



219.4050, -4.1437, 22.4468



218.3090, -11.9843, 17.2690

Sweetspot

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



212.8120, 5.0227, -24.3911



250.9990, 1.4795, -7.8921



209.0780, -11.8705, -19.3624



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



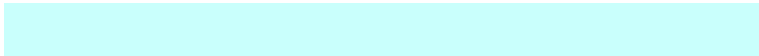
128.0000, 0.0000, 0.0000

Same Dimension

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



212.8120, 5.0227, -24.3911



238.5120, 6.6496, -32.8980



202.4740, 11.1053, -15.3247



108.7110, 1.6215, -6.7625



122.3500, 22.0125, -107.3010



33.4200, 6.2019, -29.3093

Inverse Universe

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



197.1880, -5.0227, 24.3911



217.4880, -6.6496, 32.8980



207.5260, -11.1053, 15.3247



104.4030, -1.1847, 6.6626



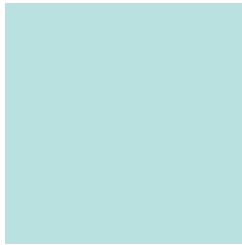
53.6500, -22.0124, 107.3010



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 212.8120, 5.0227, -24.3911 looks on a white background.

Color Contrast Check

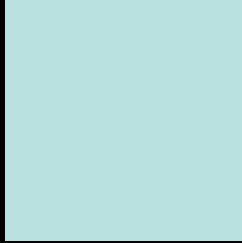
Large Text (above 18pt) WCAG AA × Fail

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 212.8120, 5.0227, -24.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

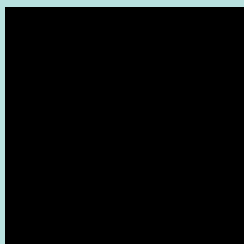
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

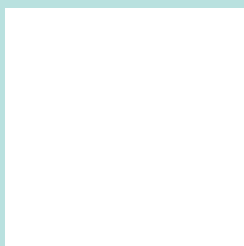
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.8120, 5.0227, -24.3911

Background



This preview shows how black text looks on a background with the YUV color 212.8120, 5.0227, -24.3911.



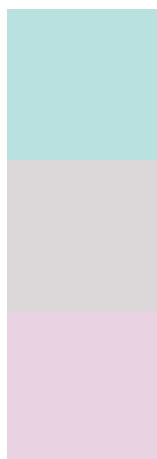
This preview shows how white text looks on a background with the YUV color 212.8120, 5.0227, -24.3911.

-24.3911.

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

212.8120, 5.0227, -24.3911

Protanopia

217.4240, 0.2840, 2.2592

Deuteranopia

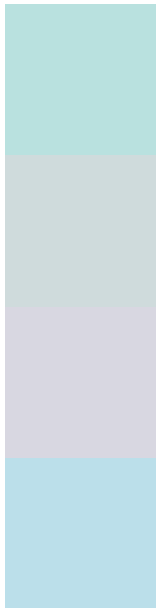
218.7010, 3.5984, 12.5402



Tritanopia

213.8860, 12.8742, -22.7020

Trichromacy



Original Color

212.8120, 5.0227, -24.3911

Protanomaly

215.5260, 2.2057, -7.4773

Deuteranomaly

216.4390, 4.2206, -0.3850

Tritanomaly

213.4900, 10.1114, -23.2317

Monochromacy



Original Color

212.8120, 5.0227, -24.3911

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.8120, 5.0227, -24.3911 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(185, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 223)  
}
```

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(185, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 223) }
```

Border

The CSS property to change the border of an element to YUV 212.8120, 5.0227, -24.3911 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(185, 225, 223) }
```


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

```
.border{ border-color:rgb(185, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 212.8120, 5.0227, -24.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 223) }
```

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

```
.background{ background-color: rgb(185,  
225, 223) }
```

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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