

Converting Colors

YUV(212.4700, 3.7123,
-24.0912)

Have a look what the booklet for
YUV(212.4700, 3.7123, -24.0912)
contains.

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Color

**YUV(212.4700, 3.7123,
-24.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E1DC
RGB	185, 225, 220
RGB Percent	73%, 88%, 86%
CMY	0.2745, 0.1176, 0.1373
CMYK	0.18, 0.00, 0.02, 0.12
HSL	173°, 40%, 80%
HSV	173°, 18%, 88%
XYZ	59.8511, 69.3320, 77.9381
YIQ	212.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

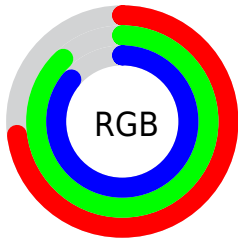
Format	Color
RYB	185, 206, 225
Decimal	12181980
CIELab	86.67, -13.97, -1.89
CIELCh	87, 14.100, 187.714
Yxy	69.3320, 0.2890, 0.3347
Android (android.graphics.Color)	4290372060 (0xFFB9E1DC)
YUV	212.4700, 3.7123, -24.0912
Hunter-Lab	83.2659, -17.4104, 2.7898

Details

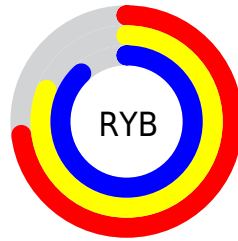
The YUV color $212.4700, 3.7123, -24.0912$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.5300, -3.7123, 24.0912$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $157.7690, 3.5649, -23.4764$ is the 20% darker color. If you saturate the color by 10%, you get $205.5500, 5.6449, -37.3163$, and if you desaturate by 10%, it is $219.6890, 1.6323, -10.2513$.

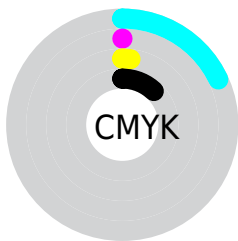
Distribution



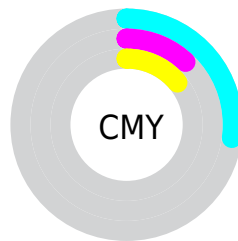
- Red (73%)
- Green (88%)
- Blue (86%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4700, 3.7123, -24.0912 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 212.4700, 3.7123, -24.0912 by changing the saturation by 10% instead.

■ 212.4700, 3.7123,
-24.0912

■ 212.4700, 3.7123,
-24.0912

255.0000, 0.0000,
0.0000

■ 184.7690, 3.5649,
-23.4764

■ 251.1130, 1.9163,
-7.9921

■ 157.7690, 3.5649,
-23.4764

■ 131.4810, 3.7069,
-22.3468

■ 105.7800, 3.5595,
-21.7321

■ 81.7800, 3.5595,
-21.7321

■ 57.8940, 3.9963,
-21.8320

■ 34.9970, 4.4385,

-23.6764

■ 18.4710, 2.2328,
-16.1991

■ 0.0000, 0.0000,
0.0000

■ 212.4700, 3.7123,
-24.0912

■ 212.4700, 3.7123,
-24.0912

■ 205.5500, 5.6449,
-37.3163

■ 219.6890, 1.6323,
-10.2513

■ 198.3310, 7.7248,
-51.1563

■ 226.6090, -0.3002,
2.9739

■ 191.2260, 10.2416,
-65.0962

■ 233.7140, -2.8170,
16.9138

■ 184.3060, 12.1741,
-78.3214

■ 234.6540, -1.8014,
17.8434

■ 177.3860, 14.1067,
-91.5465

■ 234.9960, -0.4910,
17.5435

■ 170.1670, 16.1867,
-105.3865

■ 235.3380, 0.8194,
17.2436

■ 163.2470, 18.1192,
-118.6116

■ 235.6800, 2.1298,
16.9436

■ 156.1420, 20.6360,
-132.5515

■ 235.9080, 3.0034,
16.7437

■ 154.5330, 20.9362,
-135.5254

■ 236.2500, 4.3137,
16.4438

Harmonies

Analogous

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



213.2770, -3.5876, -16.0289



212.4700, 3.7123, -24.0912



213.0660, 9.8275, -25.4909

Triad

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



212.4700, 3.7123, -24.0912



218.5520, 9.5879, 4.7779



217.8960, -12.2737, 16.7542

Complementary

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



212.4700, 3.7123, -24.0912



197.5300, -3.7123, 24.0912

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.



218.8520, -8.8010, 22.9318



212.4700, 3.7123, -24.0912



219.7230, 3.5876, 16.0289

Square

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



212.4700, 3.7123, -24.0912



216.9740, 12.8308, -8.7472



219.7470, -2.8333, 22.1469



216.1290, -12.3886, 6.9029

Rectangle

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



212.4700, 3.7123, -24.0912



213.7720, 12.4374, -22.6020



219.7470, -2.8333, 22.1469



217.8470, -11.2636, 19.4282

Sweetspot

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



212.4700, 3.7123, -24.0912



250.8850, 1.0427, -7.7921



209.9750, -12.3127, -17.5181



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



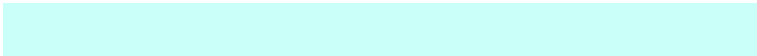
128.0000, 0.0000, 0.0000

Same Dimension

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



212.4700, 3.7123, -24.0912



238.0560, 4.9024, -32.4981



204.2350, 10.2371, -16.8691



108.5970, 1.1847, -6.6626



120.8680, 16.3341, -106.0012



32.9640, 4.4547, -28.9094

Inverse Universe

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



197.5300, -3.7123, 24.0912



217.9440, -4.9024, 32.4981



205.7650, -10.2371, 16.8691



104.4030, -1.1847, 6.6626



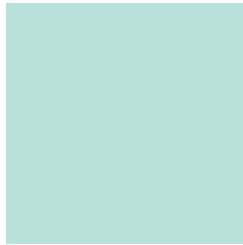
55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 212.4700, 3.7123, -24.0912 looks on a white background.

Color Contrast Check

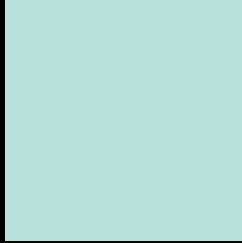
Large Text (above 18pt) WCAG AA × Fail

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 212.4700, 3.7123, -24.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

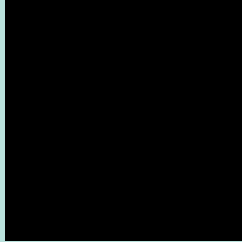
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

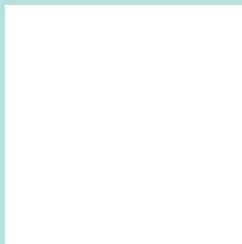
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.4700, 3.7123, -24.0912

Background



This preview shows how black text looks on a background with the YUV color 212.4700, 3.7123, -24.0912.



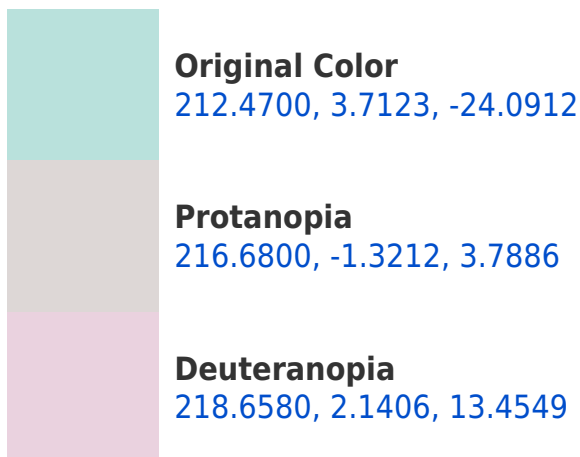
This preview shows how white text looks on a background with the YUV color 212.4700, 3.7123, -24.0912.

-24.0912.

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

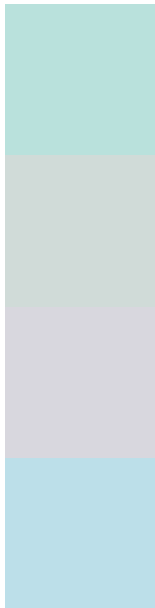




Tritanopia

214.1850, 12.7268, -22.0872

Trichromacy



Original Color

212.4700, 3.7123, -24.0912

Protanomaly

215.3690, 0.3111, -6.4626

Deuteranomaly

216.0970, 2.9102, -0.0851

Tritanomaly

213.6750, 9.5272, -22.5170

Monochromacy



Original Color

212.4700, 3.7123, -24.0912

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.2870, 1.3375, -9.0217

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4700, 3.7123, -24.0912 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 220) }
```

Border

The CSS property to change the border of an element to YUV 212.4700, 3.7123, -24.0912 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, 220) }
```


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

```
.border{ border-color:rgb(185, 225, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 212.4700, 3.7123, -24.0912 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, 220) }
```

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

```
.background{ background-color: rgb(185,  
225, 220) }
```

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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