

Converting Colors

YUV(212.1110, 4.8753,
-23.7763)

Have a look what the booklet for
YUV(212.1110, 4.8753, -23.7763)
contains.

YUV(212.1110, 4.8753, -23.7763)	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(212.1110, 4.8753,
-23.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E0DE
RGB	185, 224, 222
RGB Percent	73%, 88%, 87%
CMY	0.2745, 0.1216, 0.1294
CMYK	0.17, 0.00, 0.01, 0.12
HSL	177°, 39%, 80%
HSV	177°, 17%, 88%
XYZ	59.8481, 68.8995, 79.2519
YIQ	212.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

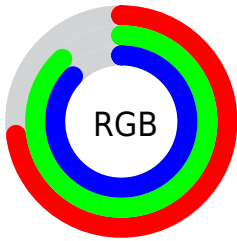
Format	Color
RYB	185, 205, 224
Decimal	12181726
CIELab	86.45, -13.06, -3.26
CIELCh	86, 13.459, 194.022
Yxy	68.8995, 0.2877, 0.3312
Android (android.graphics.Color)	4290371806 (0xFFB9E0DE)
YUV	212.1110, 4.8753, -23.7763
Hunter-Lab	83.0057, -16.5596, 1.4954

Details

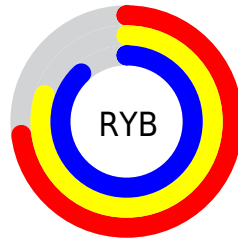
The YUV color $212.1110, 4.8753, -23.7763$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $196.8890, -4.8753, 23.7763$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $157.4100, 4.7279, -23.1616$ is the 20% darker color. If you saturate the color by 10%, you get $205.4190, 7.6814, -37.2015$, and if you desaturate by 10%, it is $218.8030, 2.0691, -10.3512$.

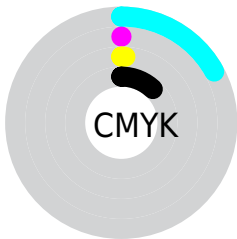
Distribution



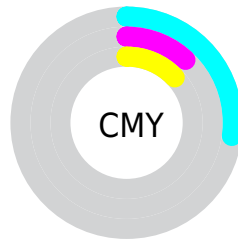
- Red (73%)
- Green (88%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1110, 4.8753, -23.7763 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 212.1110, 4.8753, -23.7763 by changing the saturation by 10% instead.

■ 212.1110, 4.8753,
-23.7763

■ 212.1110, 4.8753,
-23.7763

255.0000, 0.0000,
0.0000

■ 184.4100, 4.7279,
-23.1616

■ 251.1130, 1.9163,
-7.9921

■ 157.4100, 4.7279,
-23.1616

■ 131.1220, 4.8699,
-22.0320

■ 106.0080, 4.4331,
-21.9320

■ 81.4210, 4.7224,
-21.4172

■ 57.4210, 4.7224,
-21.4172

■ 34.5240, 5.1647,

-23.2615

■ 17.9980, 2.9590,
-15.7842

■ 0.0000, 0.0000,
0.0000

■ 212.1110, 4.8753,
-23.7763

■ 212.1110, 4.8753,
-23.7763

■ 205.4190, 7.6814,
-37.2015

■ 218.8030, 2.0691,
-10.3512

■ 198.4280, 10.6350,
-51.2414

■ 225.7940, -0.8844,
3.6887

■ 191.7360, 13.4412,
-64.6665

■ 232.4860, -3.6906,
17.1138

■ 184.6310, 15.9579,
-78.6064

■ 233.6110, -3.2592,
18.7582

■ 177.9390, 18.7641,
-92.0315

■ 233.7250, -2.8224,
18.6582

■ 171.2470, 21.5702,
-105.4566

■ 233.8390, -2.3856,
18.5582

■ 164.2560, 24.5238,
-119.4965

■ 233.9530, -1.9488,
18.4582

■ 157.5640, 27.3299,
-132.9216

■ 234.0670, -1.5120,
18.3582

■ 155.7700, 28.2144,
-136.6103

■ 234.1810, -1.0752,
18.2583

Harmonies

Analogous

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



212.4340, -1.6930, -17.0436



212.1110, 4.8753, -23.7763



213.1910, 10.2588, -23.8465

Triad

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



212.1110, 4.8753, -23.7763



218.2210, 8.2720, 6.8222



216.8850, -12.2683, 15.0099

Complementary

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



212.1110, 4.8753, -23.7763



196.8890, -4.8753, 23.7763

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.



218.3140, -9.5218, 20.7726



212.1110, 4.8753, -23.7763



218.7940, 2.5666, 16.8437

Square

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



212.1110, 4.8753, -23.7763



216.4690, 12.0938, -5.6733



219.1060, -3.9963, 21.8320



215.0470, -11.3622, 4.3438

Rectangle

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



212.1110, 4.8753, -23.7763



214.0820, 12.2846, -20.2429



219.1060, -3.9963, 21.8320



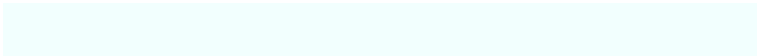
217.4230, -11.5475, 17.1690

Sweetspot

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



212.1110, 4.8753, -23.7763



250.9990, 1.4795, -7.8921



208.7900, -11.7285, -18.2328



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



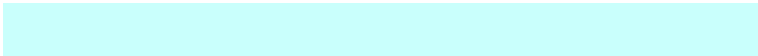
128.0000, 0.0000, 0.0000

Same Dimension

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



212.1110, 4.8753, -23.7763



238.5120, 6.6496, -32.8980



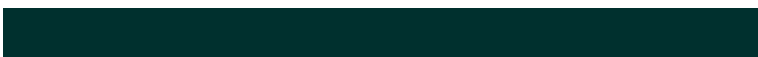
202.3600, 10.6685, -15.2247



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.



196.8890, -4.8753, 23.7763



217.4880, -6.6496, 32.8980



206.6400, -10.6685, 15.2247



104.4030, -1.1847, 6.6626



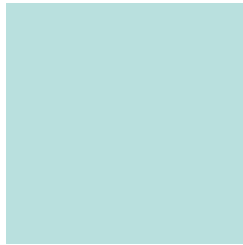
53.6500, -22.0124, 107.3010



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 212.1110, 4.8753, -23.7763 looks on a white background.

Color Contrast Check

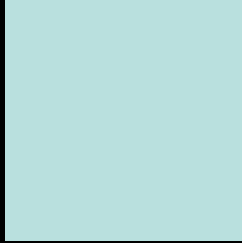
Large Text (above 18pt) WCAG AA × Fail

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 212.1110, 4.8753, -23.7763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

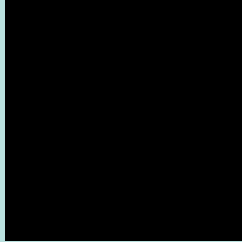
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.1110, 4.8753, -23.7763

Background



This preview shows how black text looks on a background with the YUV color 212.1110, 4.8753, -23.7763.



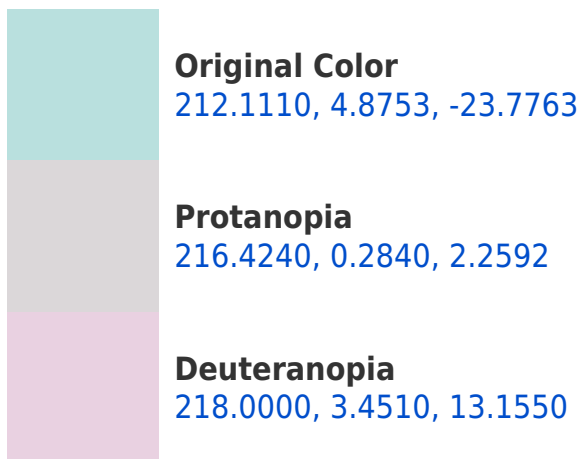
This preview shows how white text looks on a background with the YUV color 212.1110, 4.8753, -23.7763.

-23.7763.

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

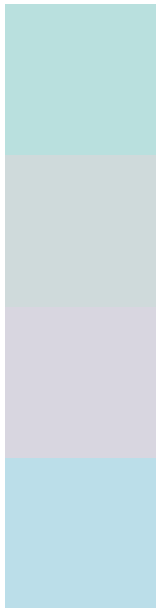




Tritanopia

213.1850, 12.7268, -22.0872

Trichromacy



Original Color

212.1110, 4.8753, -23.7763

Protanomaly

214.8250, 2.0583, -6.8625

Deuteranomaly

215.7380, 4.0732, 0.2298

Tritanomaly

212.7890, 9.9640, -22.6170

Monochromacy



Original Color

212.1110, 4.8753, -23.7763

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1110, 4.8753, -23.7763 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, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(185, 224, 222)  
}
```

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, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 224, 222) }
```

Border

The CSS property to change the border of an element to YUV 212.1110, 4.8753, -23.7763 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, 224, 222) }
```


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

```
.border{ border-color:rgb(185, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(185, 224,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 212.1110, 4.8753, -23.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 224, 222) }
```

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

```
.background{ background-color: rgb(185,  
224, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor