

Converting Colors

YUV(212.3600, -12.9955,
-31.8877)

Have a look what the booklet for
YUV(212.3600, -12.9955, -31.8877)
contains.

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Color

**YUV(212.3600, -12.9955,
-31.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ECBA
RGB	176, 236, 186
RGB Percent	69%, 93%, 73%
CMY	0.3098, 0.0745, 0.2706
CMYK	0.25, 0.00, 0.21, 0.07
HSL	130°, 61%, 81%
HSV	130°, 25%, 93%
XYZ	56.7629, 72.7662, 57.5079
YIQ	212.3600, -19.7100, -28.2700

Conversions

Conversions Part 2

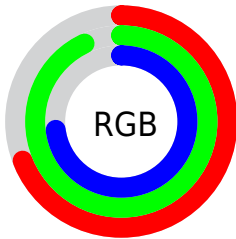
Format	Color
RYB	176, 227, 236
Decimal	11594938
CIELab	88.34, -28.66, 18.22
CIELCh	88, 33.966, 147.552
Yxy	72.7662, 0.3035, 0.3890
Android (android.graphics.Color)	4289785018 (0xFFB0ECBA)
YUV	212.3600, -12.9955, -31.8877
Hunter-Lab	85.3031, -30.5019, 19.7412

Details

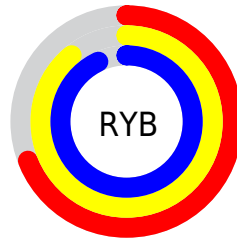
The YUV color **212.3600, -12.9955, -31.8877** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.6400, 12.9955, 31.8877**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9400, -2.4354, -12.2254**, and **157.3000, -11.9799, -30.9581** is the 20% darker color. If you saturate the color by 10%, you get **202.9040, -18.1937, -44.6428**, and if you desaturate by 10%, it is **221.8160, -7.7973, -19.1326**.

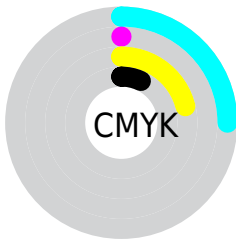
Distribution



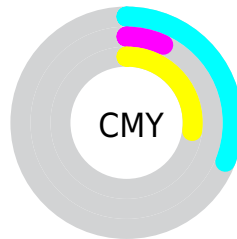
- Red (69%)
- Green (93%)
- Blue (73%)



- Red (69%)
- Yellow (89%)
- Blue (93%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3600, -12.9955, -31.8877 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 212.3600, -12.9955, -31.8877 by changing the saturation by 10% instead.

■ 212.3600,
-12.9955, -31.8877

■ 212.3600,
-12.9955, -31.8877

255.0000, 0.0000,
0.0000

■ 184.7730,
-12.7061, -31.3729

■ 246.9400, -2.4354,
-12.2254

■ 157.3000,
-11.9799, -30.9581

■ 130.7130,
-11.6905, -30.4433

■ 105.2400,
-10.9643, -30.0285

■ 79.8810, -9.8013,
-29.7136

■ 55.0980, -8.9223,
-31.6579

■ 33.5220, -8.6383,

-29.3988

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 212.3600,
-12.9955, -31.8877

■ 212.3600,
-12.9955, -31.8877

■ 202.9040,
-18.1937, -44.6428

■ 221.8160, -7.7973,
-19.1326

■ 193.8610,
-23.1025, -56.8831

■ 230.8590, -2.8885,
-6.8923

■ 184.4050,
-28.3007, -69.6382

■ 240.3150, 2.3097,
5.8627

■ 175.2480,
-33.6463, -81.7785

■ 243.8470, 5.4984,
9.7812

■ 165.9060,
-38.4077, -94.6336

■ 156.4500,
-43.6058, -107.3886

■ 147.2930,
-48.9514, -119.5290

■ 142.9780,
-51.2612, -125.3917

Harmonies

Analogous

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



216.8060, -26.0334, -3.3379



212.3600, -12.9955, -31.8877



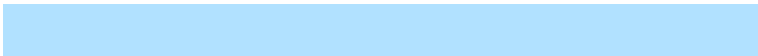
207.8910, 4.9837, -58.6634

Triad

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



212.3600, -12.9955, -31.8877



214.0680, 20.1795, -32.5086



215.6470, -11.1650, 34.5126

Complementary

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



212.3600, -12.9955, -31.8877



199.6400, 12.9955, 31.8877

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.



218.2350, 3.8281, 32.2429



212.3600, -12.9955, -31.8877



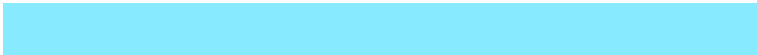
221.3650, 16.5821, 1.4339

Square

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



212.3600, -12.9955, -31.8877



207.0920, 23.6186, -62.3477



225.0630, 14.7589, 26.2547



217.4930, -24.4000, 32.8936

Rectangle

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



212.3600, -12.9955, -31.8877



205.6150, 16.9518, -70.6994



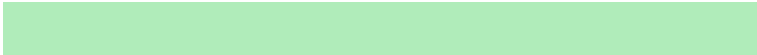
225.0630, 14.7589, 26.2547



215.7270, -5.7814, 34.4424

Sweetspot

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



212.3600, -12.9955, -31.8877



247.0820, -4.4774, -10.5959



226.1700, -24.7338, -0.1491



122.8590, -2.8885, -6.8923



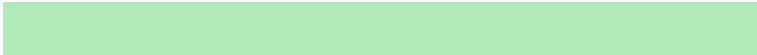
0.0000, 0.0000, 0.0000



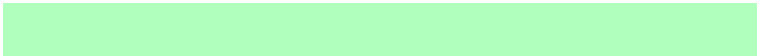
128.0000, 0.0000, 0.0000

Same Dimension

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



212.3600, -12.9955, -31.8877



223.8550, -17.1835, -41.9688



215.7800, 0.1085, -34.8871



112.6850, -2.3097, -5.8627



109.6670, -39.2758, -96.1780



32.7240, -11.6959, -28.6989

Inverse Universe

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



199.6400, 12.9955, 31.8877



207.1450, 17.1835, 41.9688



196.2200, -0.1085, 34.8871



110.3150, 2.3097, 5.8627



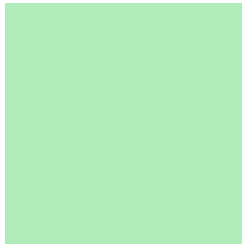
71.3330, 39.2758, 96.1780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 212.3600, -12.9955, -31.8877 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 212.3600, -12.9955, -31.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

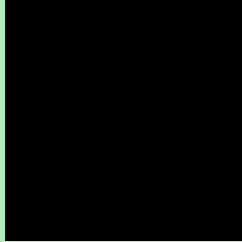
Any Text WCAG AA ✓ Pass

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 212.3600, -12.9955, -31.8877 Background



This preview shows how black text looks on a background with the YUV color 212.3600, -12.9955, -31.8877.



This preview shows how white text looks on a background with the YUV color 212.3600, -12.9955, -31.8877.

-31.8877.

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

212.3600, -12.9955, -31.8877

Protanopia

219.5120, -19.9724, 12.7060

Deuteranopia

222.4520, -15.5058, 26.7906



Tritanopia

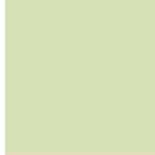
217.7930, 13.9061, -27.0055

Trichromacy



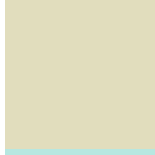
Original Color

212.3600, -12.9955, -31.8877



Protanomaly

217.0970, -17.3028, -3.5931



Deuteranomaly

218.5480, -14.5672, 5.6584



Tritanomaly

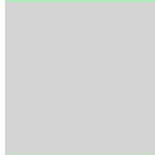
215.8500, 4.0180, -28.8094

Monochromacy



Original Color

212.3600, -12.9955, -31.8877



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.3700, -4.6194, -11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3600, -12.9955, -31.8877 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(176, 236, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 236, 186)  
}
```

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(176, 236, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 236, 186) }
```

Border

The CSS property to change the border of an element to YUV 212.3600, -12.9955, -31.8877 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(176, 236, 186) }
```


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

```
.border{ border-color:rgb(176, 236, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 236, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 236, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 236, 186); box-shadow:4px 4px 4px 4px rgb(176, 236, 186) }
```

Background

The CSS property to change the background color of an element to YUV 212.3600, -12.9955, -31.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 236, 186) }
```

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

```
.background{ background-color: rgb(176,  
236, 186) }
```

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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