

Converting Colors

YUV(216.5430, -23.9317,
-24.1552)

Have a look what the booklet for
YUV(216.5430, -23.9317, -24.1552)
contains.

YUV(216.5430, -23.9317, -24.1552)	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(216.5430, -23.9317,
-24.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF0A8
RGB	189, 240, 168
RGB Percent	74%, 94%, 66%
CMY	0.2588, 0.0588, 0.3412
CMYK	0.21, 0.00, 0.30, 0.06
HSL	102°, 71%, 80%
HSV	102°, 30%, 94%
XYZ	59.2142, 75.9661, 48.5878
YIQ	216.5430, -7.2840, -33.2040

Conversions

Conversions Part 2

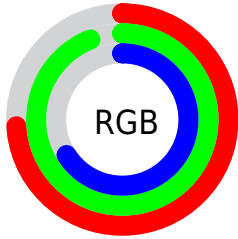
Format	Color
RYB	168, 240, 219
Decimal	12447912
CIELab	89.84, -29.19, 29.66
CIELCh	90, 41.608, 134.542
Yxy	75.9661, 0.3222, 0.4134
Android (android.graphics.Color)	4290637992 (0xFFBDF0A8)
YUV	216.5430, -23.9317, -24.1552
Hunter-Lab	87.1586, -31.2572, 27.9589

Details

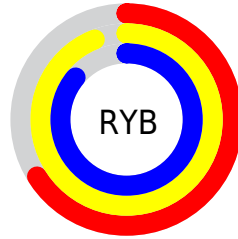
The YUV color **216.5430, -23.9317, -24.1552** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **191.4570, 23.9317, 24.1552**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7750, -12.2141, -2.4337**, and **161.1840, -22.7687, -23.8404** is the 20% darker color. If you saturate the color by 10%, you get **208.7240, -31.9089, -32.2069**, and if you desaturate by 10%, it is **224.3620, -15.9545, -16.1035**.

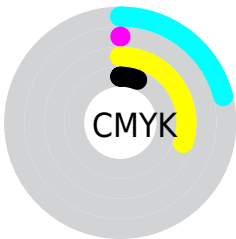
Distribution



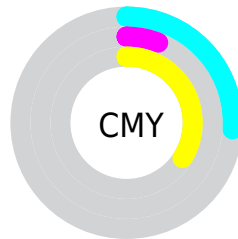
- Red (74%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (86%)



- Cyan (21%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (26%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5430, -23.9317, -24.1552 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 216.5430, -23.9317, -24.1552 by changing the saturation by 10% instead.

■ 216.5430,
-23.9317, -24.1552

■ 216.5430,
-23.9317, -24.1552

255.0000, 0.0000,
0.0000

■ 188.6570,
-23.4949, -24.2552

■ 248.7750,
-12.2141, -2.4337

■ 161.1840,
-22.7687, -23.8404

■ 254.6580, -1.3104,
0.2999

■ 134.7110,
-22.0425, -23.4255

■ 108.6510,
-21.0269, -22.4959

■ 83.8790, -20.1533,
-22.6959

■ 59.3950, -19.4217,
-24.0254

■ 34.9540, -17.2323,

-26.2697

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 216.5430,
-23.9317, -24.1552

■ 216.5430,
-23.9317, -24.1552

■ 208.7240,
-31.9089, -32.2069

■ 224.3620,
-15.9545, -16.1035

■ 200.9050,
-39.8862, -40.2587

■ 232.1810, -7.9772,
-8.0517

■ 193.0860,
-47.8634, -48.3104

■ 240.0000, 0.0000,
0.0000

■ 185.2670,
-55.8406, -56.3622

■ 246.1950, 4.3409,
7.7220

■ 177.4480,
-63.8179, -64.4139

■ 169.6290,
-71.7951, -72.4656

■ 161.8100,
-79.7723, -80.5174

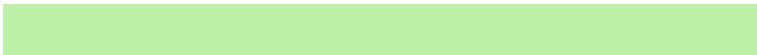
Harmonies

Analogous

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



221.8480, -36.4071, 10.6573



216.5430, -23.9317, -24.1552



209.7030, -3.3046, -60.2525

Triad

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



216.5430, -23.9317, -24.1552



209.1630, 22.5976, -61.5330



215.0090, -3.4554, 35.0721

Complementary

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



216.5430, -23.9317, -24.1552



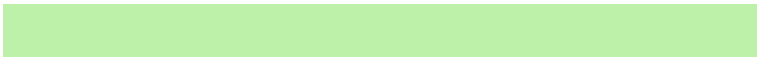
191.4570, 23.9317, 24.1552

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.



220.7430, 13.4377, 30.0434



216.5430, -23.9317, -24.1552



220.0700, 17.2205, -16.7244

Square

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



216.5430, -23.9317, -24.1552



199.2080, 27.5055, -95.7754



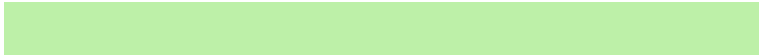
227.9980, 13.3120, 23.6808



215.0140, -21.2059, 35.0677

Rectangle

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



216.5430, -23.9317, -24.1552



204.8000, 12.9166, -83.1396



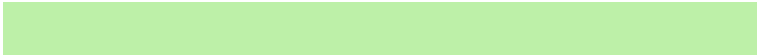
227.9980, 13.3120, 23.6808



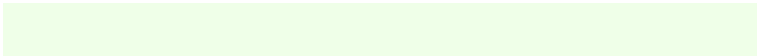
216.4910, 2.2229, 33.7724

Sweetspot

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



216.5430, -23.9317, -24.1552



247.5940, -7.6878, -7.5369



218.8780, -25.0829, 18.5240



123.3000, -5.0779, -4.6481



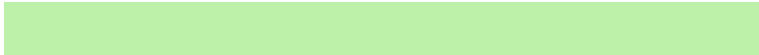
0.0000, 0.0000, 0.0000



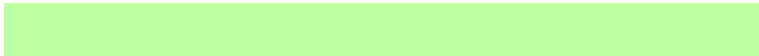
128.0000, 0.0000, 0.0000

Same Dimension

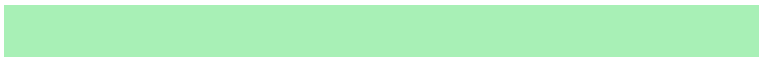
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.5430, -23.9317, -24.1552



225.0770, -30.6040, -30.7625



211.8600, -14.7210, -38.4652



115.9410, -3.9149, -4.3333



124.1540, -61.2079, -61.5251



37.6560, -18.5644, -18.9923

Inverse Universe

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



191.4570, 23.9317, 24.1552



192.9230, 30.6040, 30.7625



196.1400, 14.7210, 38.4652



111.7600, 4.0623, 3.7185



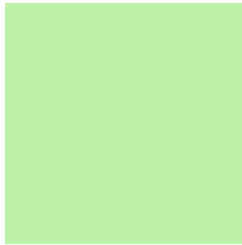
59.8460, 61.2079, 61.5251



18.3440, 18.5644, 18.9923

Previews

White Background



This preview shows how the YUV color 216.5430, -23.9317, -24.1552 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 216.5430, -23.9317, -24.1552 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 216.5430, -23.9317, -24.1552 Background



This preview shows how black text looks on a background with the YUV color 216.5430, -23.9317, -24.1552.



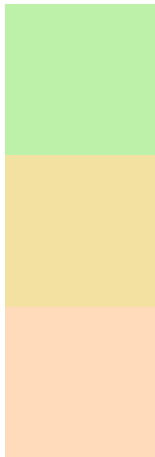
This preview shows how white text looks on a background with the YUV color 216.5430, -23.9317, -24.1552.

-24.1552.

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

216.5430, -23.9317, -24.1552

Protanopia

223.0860, -30.6084, 17.4646

Deuteranopia

226.2300, -18.8474, 25.2313



Tritanopia

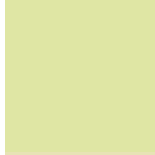
223.6800, 11.9898, -19.0134

Trichromacy



Original Color

216.5430, -23.9317, -24.1552



Protanomaly

220.3830, -27.7968, 2.2951



Deuteranomaly

222.9520, -20.6823, 7.0581



Tritanomaly

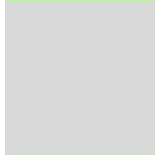
221.2270, -1.0979, -21.2471

Monochromacy



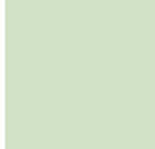
Original Color

216.5430, -23.9317, -24.1552



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.6540, -8.7034, -8.4666

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5430, -23.9317, -24.1552 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(189, 240, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 240, 168)  
}
```

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(189, 240, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 240, 168) }
```

Border

The CSS property to change the border of an element to YUV 216.5430, -23.9317, -24.1552 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(189, 240, 168) }
```


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

```
.border{ border-color:rgb(189, 240, 168) }
```

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

Here you see how a box with a 4 pixel rgb(189, 240, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 240, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 240, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 240,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 216.5430, -23.9317, -24.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 240, 168) }
```

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

```
.background{ background-color: rgb(189,  
240, 168) }
```

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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