

Converting Colors

YUV(186.3180, -15.9328,
-23.0809)

Have a look what the booklet for
YUV(186.3180, -15.9328, -23.0809)
contains.

YUV(186.3180, -15.9328, -23.0809)	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(186.3180, -15.9328,
-23.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CE9A
RGB	160, 206, 154
RGB Percent	63%, 81%, 60%
CMY	0.3725, 0.1922, 0.3961
CMYK	0.22, 0.00, 0.25, 0.19
HSL	113°, 35%, 71%
HSV	113°, 25%, 81%
XYZ	42.4012, 53.9493, 38.7503
YIQ	186.3180, -10.7240, -25.9240

Conversions

Conversions Part 2

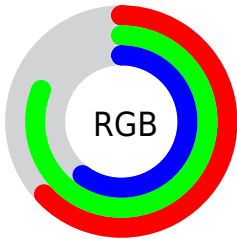
Format	Color
RYB	154, 206, 200
Decimal	10538650
CIELab	78.43, -24.99, 21.08
CIELCh	78, 32.693, 139.847
Yxy	53.9493, 0.3138, 0.3993
Android (android.graphics.Color)	4288728730 (0xFFA0CE9A)
YUV	186.3180, -15.9328, -23.0809
Hunter-Lab	73.4502, -25.4935, 20.1353

Details

The YUV color **186.3180, -15.9328, -23.0809** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173.6820, 15.9328, 23.0809**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7960, -14.1964, -19.9921**, and **132.9590, -14.7698, -22.7660** is the 20% darker color. If you saturate the color by 10%, you get **178.5420, -22.4522, -32.0473**, and if you desaturate by 10%, it is **194.0940, -9.4133, -14.1144**.

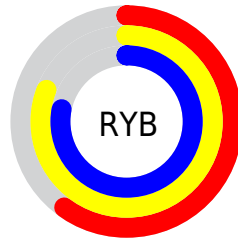
Distribution



Red (63%)

Green (81%)

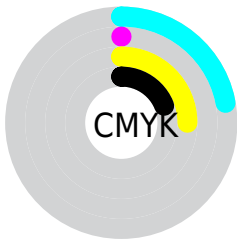
Blue (60%)



Red (60%)

Yellow (81%)

Blue (78%)

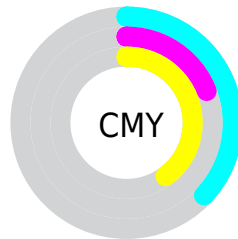


Cyan (22%)

Magenta (0%)

Yellow (25%)

Black (19%)



Cyan (37%)

Magenta (19%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3180, -15.9328, -23.0809 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 186.3180, -15.9328, -23.0809 by changing the saturation by 10% instead.

■ 186.3180,
-15.9328, -23.0809

■ 186.3180,
-15.9328, -23.0809

255.0000, 0.0000,
0.0000

■ 158.8450,
-15.2066, -22.6661

■ 237.7960,
-14.1964, -19.9921

■ 132.9590,
-14.7698, -22.7660

■ 249.6590, -6.2409,
-4.9629

■ 106.7850,
-14.1910, -21.7364

■ 82.3120, -13.4648,
-21.3216

■ 58.5400, -12.5912,
-21.5216

■ 34.7570, -11.7122,
-23.4659

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 186.3180,
-15.9328, -23.0809

■ 186.3180,
-15.9328, -23.0809

■ 178.5420,
-22.4522, -32.0473

■ 194.0940, -9.4133,
-14.1144

■ 170.8800,
-28.5348, -41.1138

■ 201.7560, -3.3307,
-5.0480

■ 162.8050,
-34.9069, -50.6950

■ 209.8310, 3.0413,
4.5332

■ 155.1430,
-40.9895, -59.7614

■ 217.4930, 9.1240,
13.5996

■ 147.3670,
-47.5089, -68.7279

■ 225.0410, 14.7698,
22.7660

■ 139.5910,
-54.0284, -77.6943

■ 226.2370, 14.1802,
25.2252

■ 131.6300,
-59.9636, -87.3755

■ 128.0980,
-63.1523, -91.2939

Harmonies

Analogous

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



190.0350, -26.6393, 4.3543



186.3180, -15.9328, -23.0809



181.3930, 0.2993, -49.4567

Triad

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



186.3180, -15.9328, -23.0809



187.8030, 32.1421, -42.8002



197.1590, -10.9244, 50.7266

Complementary

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



186.3180, -15.9328, -23.0809



173.6820, 15.9328, 23.0809

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.



198.3010, 3.7956, 42.7090



186.3180, -15.9328, -23.0809



195.1600, 27.5291, -9.7873

Square

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



186.3180, -15.9328, -23.0809



179.8510, 29.1605, -66.5213



198.3120, 17.1012, 21.6514



195.9120, -23.1276, 44.8042

Rectangle

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



186.3180, -15.9328, -23.0809



178.6930, 11.9834, -63.7518



198.3120, 17.1012, 21.6514



197.4130, -6.1196, 49.6268

Sweetspot

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



186.3180, -15.9328, -23.0809



247.3380, -6.0826, -9.0664



196.5500, -20.9771, 8.2877



122.9300, -3.9095, -6.0776



0.0000, 0.0000, 0.0000



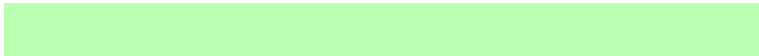
128.0000, 0.0000, 0.0000

Same Dimension

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



186.3180, -15.9328, -23.0809



226.0040, -23.1730, -34.2065



186.8040, -6.3124, -28.7691



98.1690, -3.0413, -4.5332



103.1230, -50.8396, -73.7759



23.5020, -11.5865, -17.1033

Inverse Universe

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



173.6820, 15.9328, 23.0809



207.6970, 23.3204, 33.5917



173.1960, 6.3124, 28.7691



95.8310, 3.0413, 4.5332



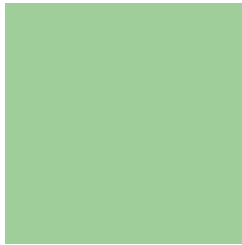
62.8770, 50.8396, 73.7759



14.4980, 11.5865, 17.1033

Previews

White Background



This preview shows how the YUV color 186.3180, -15.9328, -23.0809 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 186.3180, -15.9328, -23.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

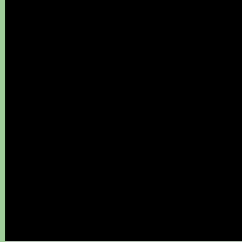
Any Text WCAG AA ✓ Pass

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 186.3180, -15.9328, -23.0809 Background



This preview shows how black text looks on a background with the YUV color 186.3180, -15.9328, -23.0809.



This preview shows how white text looks on a background with the YUV color 186.3180, -15.9328, -23.0809.

-23.0809.

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

186.3180, -15.9328, -23.0809

Protanopia

192.0560, -21.7196, 13.1059

Deuteranopia

194.1700, -17.8318, 26.1609



Tritanopia

191.4520, 11.1162, -18.8134

Trichromacy



Original Color

186.3180, -15.9328, -23.0809

Protanomaly

190.1360, -19.7870, -0.1193

Deuteranomaly

191.2880, -16.9040, 8.5174

Tritanomaly

189.5090, 1.2281, -20.6174

Monochromacy



Original Color

186.3180, -15.9328, -23.0809

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0500, -5.9407, -7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3180, -15.9328, -23.0809 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(160, 206, 154)` looks like.

```
.text, #text, p{  
    color:rgb(160, 206, 154)  
}
```

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(160, 206, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 206, 154) }
```

Border

The CSS property to change the border of an element to YUV 186.3180, -15.9328, -23.0809 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(160, 206, 154) }
```


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

```
.border{ border-color:rgb(160, 206, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 206, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 206, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 206, 154);  
box-shadow:4px 4px 4px 4px rgb(160, 206,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 186.3180, -15.9328, -23.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 206, 154) }
```

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

```
.background{ background-color: rgb(160,  
206, 154) }
```

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