

Converting Colors

YUV(190.3640, -5.6025,
-23.1212)

Have a look what the booklet for
YUV(190.3640, -5.6025, -23.1212)
contains.

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Color

**YUV(190.3640, -5.6025,
-23.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CEB3
RGB	164, 206, 179
RGB Percent	64%, 81%, 70%
CMY	0.3569, 0.1922, 0.2980
CMYK	0.20, 0.00, 0.13, 0.19
HSL	141°, 30%, 73%
HSV	141°, 20%, 81%
XYZ	45.5178, 55.2898, 50.9208
YIQ	190.3640, -16.3650, -17.3010

Conversions

Conversions Part 2

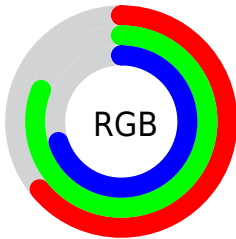
Format	Color
RYB	164, 195, 206
Decimal	10800819
CIELab	79.21, -19.19, 8.91
CIELCh	79, 21.159, 155.097
Yxy	55.2898, 0.3000, 0.3644
Android (android.graphics.Color)	4288990899 (0xFFA4CEB3)
YUV	190.3640, -5.6025, -23.1212
Hunter-Lab	74.3571, -20.8559, 11.4474

Details

The YUV color **190.3640, -5.6025, -23.1212** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179.6360, 5.6025, 23.1212**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.9560, -3.4293, -20.1324**, and **137.0760, -5.4605, -21.9917** is the 20% darker color. If you saturate the color by 10%, you get **182.6030, -8.1853, -34.7318**, and if you desaturate by 10%, it is **198.1250, -3.0196, -11.5106**.

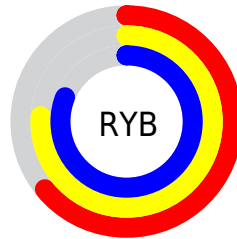
Distribution



Red (64%)

Green (81%)

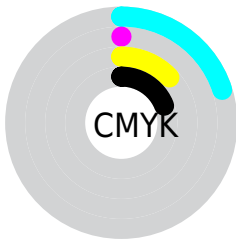
Blue (70%)



Red (64%)

Yellow (76%)

Blue (81%)

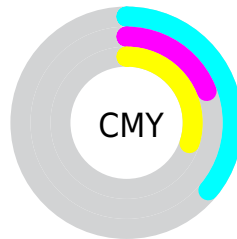


Cyan (20%)

Magenta (0%)

Yellow (13%)

Black (19%)



Cyan (36%)


Magenta (19%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3640, -5.6025, -23.1212 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 190.3640, -5.6025, -23.1212 by changing the saturation by 10% instead.

 190.3640, -5.6025,
-23.1212


 190.3640, -5.6025,
-23.1212

255.0000, 0.0000,
0.0000


 162.7770, -5.3131,
-22.6064


 241.9560, -3.4293,
-20.1324


 137.0760, -5.4605,
-21.9917


 252.9070, 1.0318,
-4.3034

 111.4890, -5.1711,
-21.4769

 86.0160, -4.4449,
-21.0620

 62.5430, -3.7187,
-20.6472

 39.6570, -3.2819,
-20.7472

 20.0380, -4.4557,

-17.5733

■ 0.0000, 0.0000,
0.0000

■ 190.3640, -5.6025,
-23.1212

■ 190.3640, -5.6025,
-23.1212

■ 182.6030, -8.1853,
-34.7318

■ 198.1250, -3.0196,
-11.5106

■ 175.1410,
-10.9155, -45.7277

■ 205.5870, -0.2894,
-0.5148

■ 167.2660,
-13.9351, -57.2383

■ 213.4620, 2.7302,
10.9958

■ 159.8040,
-16.6654, -68.2341

■ 220.9240, 5.4605,
21.9917

■ 152.0430,
-19.2482, -79.8447

■ 225.0970, 9.8122,
26.2249

■ 144.2820,
-21.8310, -91.4553

■ 226.2370, 14.1802,
25.2252

■ 136.7060,
-24.9981, -102.3512

■ 129.3580,
-27.2915, -113.4470

Harmonies

Analogous

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



192.8840, -14.2398, -6.0373



190.3640, -5.6025, -23.1212



188.7350, 5.0606, -36.6016

Triad

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



190.3640, -5.6025, -23.1212



195.6510, 19.3991, -15.4799



198.4080, -12.0331, 32.9682

Complementary

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



190.3640, -5.6025, -23.1212



179.6360, 5.6025, 23.1212

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.



199.4000, -3.1552, 32.0982



190.3640, -5.6025, -23.1212



198.5180, 14.5346, 4.8077

Square

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



190.3640, -5.6025, -23.1212



191.8400, 19.3059, -32.3087



200.1520, 6.3341, 21.7917



196.8710, -17.6844, 25.5461

Rectangle

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



190.3640, -5.6025, -23.1212



188.4340, 11.6180, -39.8456



200.1520, 6.3341, 21.7917



198.8040, -9.2704, 33.4979

Sweetspot

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



190.3640, -5.6025, -23.1212



249.3750, -2.1569, -8.2219



196.7270, -16.1344, -5.0226



124.6250, -1.2941, -4.9331



0.0000, 0.0000, 0.0000



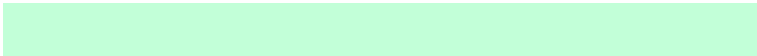
128.0000, 0.0000, 0.0000

Same Dimension

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



190.3640, -5.6025, -23.1212



232.3150, -8.0433, -33.6023



192.7580, 3.5703, -25.2208



98.2120, -1.5835, -5.4479



104.1680, -22.2678, -91.3553



23.9020, -4.8817, -20.9621

Inverse Universe

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



179.6360, 5.6025, 23.1212



216.6850, 8.0433, 33.6023



177.2420, -3.5703, 25.2208



95.6740, 1.1467, 5.5479



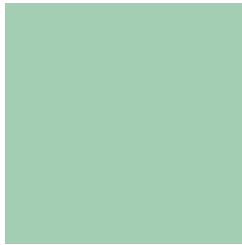
61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 190.3640, -5.6025, -23.1212 looks on a white background.

Color Contrast Check

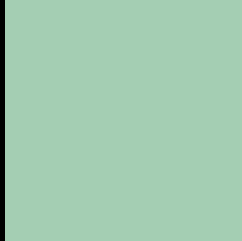
Large Text (above 18pt) WCAG AA × Fail

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 190.3640, -5.6025, -23.1212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

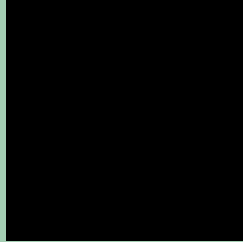
Any Text WCAG AA ✓ Pass

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 190.3640, -5.6025, -23.1212 Background



This preview shows how black text looks on a background with the YUV color 190.3640, -5.6025, -23.1212.



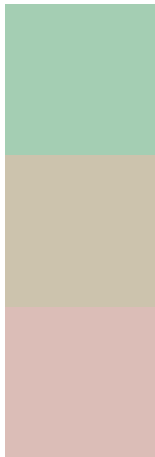
This preview shows how white text looks on a background with the YUV color 190.3640, -5.6025, -23.1212.

-23.1212.

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

190.3640, -5.6025, -23.1212

Protanopia

195.1830, -10.9362, 7.7325

Deuteranopia

197.2860, -7.0430, 19.0432



Tritanopia

193.8540, 11.4110, -20.0430

Trichromacy



Original Color

190.3640, -5.6025, -23.1212

Protanomaly

193.2740, -9.0091, -3.7483

Deuteranomaly

194.7140, -6.2680, 3.7588

Tritanomaly

192.5350, 5.1592, -21.5172

Monochromacy



Original Color

190.3640, -5.6025, -23.1212

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3750, -2.1569, -8.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3640, -5.6025, -23.1212 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(164, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(164, 206, 179)  
}
```

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(164, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 206, 179) }
```

Border

The CSS property to change the border of an element to YUV 190.3640, -5.6025, -23.1212 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(164, 206, 179) }
```


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

```
.border{ border-color:rgb(164, 206, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 206, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 206,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 190.3640, -5.6025, -23.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 206, 179) }
```

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

```
.background{ background-color: rgb(164,  
206, 179) }
```

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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