

Converting Colors

YUV(175.0500, -23.1957,
-73.7119)

Have a look what the booklet for
YUV(175.0500, -23.1957, -73.7119)
contains.

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Color

**YUV(175.0500, -23.1957,
-73.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE380
RGB	91, 227, 128
RGB Percent	36%, 89%, 50%
CMY	0.6431, 0.1098, 0.4980
CMYK	0.60, 0.00, 0.44, 0.11
HSL	136°, 71%, 62%
HSV	136°, 60%, 89%
XYZ	35.6798, 58.7208, 29.8758
YIQ	175.0500, -49.2770, -59.6210

Conversions

Conversions Part 2

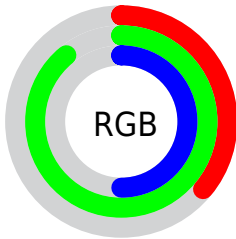
Format	Color
RYB	91, 198, 227
Decimal	6022016
CIELab	81.14, -58.01, 37.52
CIElCh	81, 69.085, 147.108
Yxy	58.7208, 0.2871, 0.4725
Android (android.graphics.Color)	4284212096 (0xFF5BE380)
YUV	175.0500, -23.1957, -73.7119
Hunter-Lab	76.6295, -50.9896, 30.5251

Details

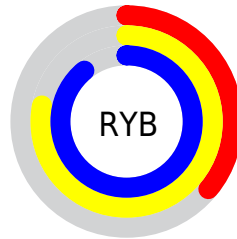
The YUV color **175.0500, -23.1957, -73.7119** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **142.9500, 23.1957, 73.7119**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8810, -16.7033, -56.0236**, and **108.5680, -15.5630, -95.2141** is the 20% darker color. If you saturate the color by 10%, you get **166.2350, -27.2309, -86.1521**, and if you desaturate by 10%, it is **183.8650, -19.1604, -61.2716**.

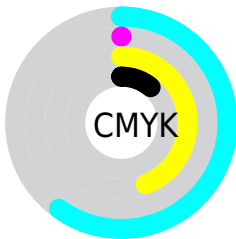
Distribution



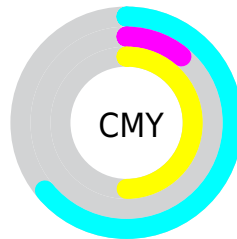
- Red (36%)
- Green (89%)
- Blue (50%)



- Red (36%)
- Yellow (78%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0500, -23.1957, -73.7119 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 175.0500, -23.1957, -73.7119 by changing the saturation by 10% instead.

■ 175.0500,
-23.1957, -73.7119

■ 175.0500,
-23.1957, -73.7119

■ 255.0000, 0.0000,
0.0000

■ 144.8970,
-21.1482, -77.0857

■ 215.8810,
-16.7033, -56.0236

■ 108.5680,
-15.5630, -95.2141

■ 228.0430, -8.8952,
-40.3797

■ 89.8690, -18.6694,
-78.8151

■ 240.3190, -0.6503,
-24.8358

■ 71.7570, -22.0652,
-62.9309

■ 251.1130, 1.9163,
-7.9921

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 175.0500,
-23.1957, -73.7119

■ 175.0500,
-23.1957, -73.7119

■ 166.2350,
-27.2309, -86.1521

■ 183.8650,
-19.1604, -61.2716

■ 157.8330,
-30.9767, -98.0775

■ 192.2670,
-15.4146, -49.3462


■ 149.0180,
-35.0119, -110.5178

■ 201.0820,
-11.3794, -36.9059

■ 140.3170,
-38.6103, -123.0580

■ 209.7830, -7.7810,
-24.3657

 218.5980, -3.7458,
-11.9254

 227.0000, 0.0000,
0.0000

 235.8150, 4.0352,
12.4402

 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



188.3190, -54.3873, -9.0498



175.0500, -23.1957, -73.7119



158.7730, 16.8739, -139.2439

Triad

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



175.0500, -23.1957, -73.7119



152.9270, 50.3220, -134.1170



180.3520, -16.9355, 65.4663

Complementary

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



175.0500, -23.1957, -73.7119



142.9500, 23.1957, 73.7119

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.



184.2400, 13.1927, 62.0565



175.0500, -23.1957, -73.7119



196.5460, 28.8178, -3.1098

Square

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



175.0500, -23.1957, -73.7119



161.7320, 45.9811, -141.8390



199.2350, 27.4921, 48.9059



187.2240, -46.4524, 59.4396

Rectangle

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



175.0500, -23.1957, -73.7119



163.9030, 36.5298, -143.7429



199.2350, 27.4921, 48.9059



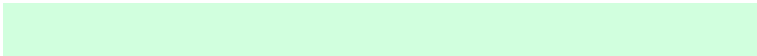
179.8110, -6.3158, 65.9408

Sweetspot

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



175.0500, -23.1957, -73.7119



237.4840, -7.6336, -24.9805



200.7320, -54.0979, -8.5350



116.9350, -4.8980, -15.7290



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.



175.0500, -23.1957, -73.7119



184.7080, -31.4080, -99.7219



182.6880, 6.0698, -80.4104



110.3860, -2.1623, -6.4775



110.6590, -30.3979, -97.0479



31.5330, -8.6438, -27.6544

Inverse Universe

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



142.9500, 23.1957, 73.7119



141.2920, 31.4080, 99.7219



135.3120, -6.0698, 80.4104



107.6140, 2.1623, 6.4775



68.3410, 30.3979, 97.0479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 175.0500, -23.1957, -73.7119 looks on a white background.

Color Contrast Check

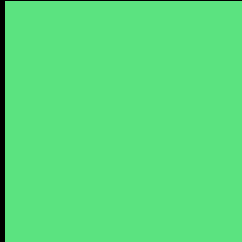
Large Text (above 18pt) WCAG AA × Fail

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 175.0500, -23.1957, -73.7119 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 175.0500, -23.1957, -73.7119 Background



This preview shows how black text looks on a background with the YUV color 175.0500, -23.1957, -73.7119.



This preview shows how white text looks on a background with the YUV color 175.0500, -23.1957, -73.7119.

-73.7119.

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

175.0500, -23.1957, -73.7119

Protanopia

196.3330, -38.6182, 19.8790

Deuteranopia

199.0820, -31.0994, 35.0081



Tritanopia

188.5330, 21.4292, -60.1034

Trichromacy



Original Color

175.0500, -23.1957, -73.7119



Protanomaly

188.6060, -32.8368, -14.5635



Deuteranomaly

190.2250, -28.2119, -4.5823



Tritanomaly

183.2600, 5.2948, -65.1260

Monochromacy



Original Color

175.0500, -23.1957, -73.7119



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.9460, -8.3544, -27.1396

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0500, -23.1957, -73.7119 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(91, 227, 128)` looks like.

```
.text, #text, p{  
    color:rgb(91, 227, 128)  
}
```

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(91, 227, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 227, 128) }
```

Border

The CSS property to change the border of an element to YUV 175.0500, -23.1957, -73.7119 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(91, 227, 128) }
```


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

```
.border{ border-color:rgb(91, 227, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 227, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 227, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 227, 128);  
box-shadow:4px 4px 4px 4px rgb(91, 227,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 175.0500, -23.1957, -73.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 227, 128) }
```

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

```
.background{ background-color: rgb(91, 227,  
128) }
```

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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