

Converting Colors

YUV(168.5360, -23.4352,
-43.4431)

Have a look what the booklet for
YUV(168.5360, -23.4352, -43.4431)
contains.

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Color

**YUV(168.5360, -23.4352,
-43.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	77CB79
RGB	119, 203, 121
RGB Percent	47%, 80%, 47%
CMY	0.5333, 0.2039, 0.5255
CMYK	0.41, 0.00, 0.40, 0.20
HSL	121°, 45%, 63%
HSV	121°, 41%, 80%
XYZ	32.4149, 48.0143, 25.6484
YIQ	168.5360, -23.7420, -43.3100

Conversions

Conversions Part 2

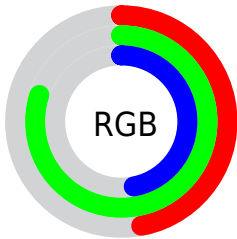
Format	Color
RYB	119, 201, 203
Decimal	7850873
CIELab	74.83, -42.19, 33.09
CIElCh	75, 53.623, 141.893
Yxy	48.0143, 0.3056, 0.4526
Android (android.graphics.Color)	4286040953 (0xFF77CB79)
YUV	168.5360, -23.4352, -43.4431
Hunter-Lab	69.2923, -37.7595, 26.5586

Details

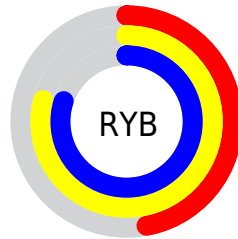
The YUV color **168.5360, -23.4352, -43.4431** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **153.4640, 23.4352, 43.4431**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8460, -23.5881, -41.0839**, and **114.1060, -21.2513, -43.9430** is the 20% darker color. If you saturate the color by 10%, you get **160.2760, -29.2231, -53.7391**, and if you desaturate by 10%, it is **176.7960, -17.6474, -33.1471**.

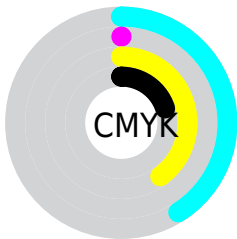
Distribution



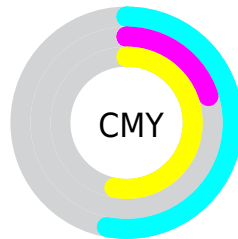
- Red (47%)
- Green (80%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5360, -23.4352, -43.4431 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 168.5360, -23.4352, -43.4431 by changing the saturation by 10% instead.

■ 168.5360,
-23.4352, -43.4431

■ 168.5360,
-23.4352, -43.4431

255.0000, 0.0000,
0.0000

■ 141.1770,
-22.2723, -43.1282

■ 221.8460,
-23.5881, -41.0839

■ 114.1060,
-21.2513, -43.9430

■ 233.4100,
-15.4851, -26.6696

■ 87.1380, -19.7880,
-46.6020

■ 245.2730, -7.5296,
-11.6404

■ 58.9740, -17.7352,
-51.7202

■ 42.2640, -20.8362,
-37.0655

■ 28.1760, -13.8908,
-24.7104

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 168.5360,
-23.4352, -43.4431

■ 168.5360,
-23.4352, -43.4431

■ 160.2760,
-29.2231, -53.7391

■ 176.7960,
-17.6474, -33.1471

■ 151.7170,
-34.8635, -64.6498

■ 185.3550,
-12.0070, -22.2363

■ 143.5710,
-40.2145, -75.0458

■ 193.5010, -6.6560,
-11.8404

■ 135.3110,
-46.0023, -85.3417

■ 201.7610, -0.8682,
-1.5444

■ 126.7520,
-51.6427, -96.2525

■ 210.3200, 4.7722,
9.3664

■ 119.7310,
-56.5624, -105.0041

■ 218.5800, 10.5601,
19.6623

■ 224.4760, 15.0483,
26.7695

Harmonies

Analogous

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



176.0720, -42.9265, 1.6909



168.5360, -23.4352, -43.4431



141.3620, 13.6255, -123.9745

Triad

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



168.5360, -23.4352, -43.4431



157.0120, 48.3081, -94.7265



178.4600, -14.0308, 67.1256

Complementary

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



168.5360, -23.4352, -43.4431



153.4640, 23.4352, 43.4431

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.



183.5730, 8.0985, 62.6415



168.5360, -23.4352, -43.4431



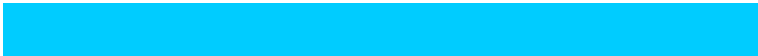
182.0160, 35.9811, -14.0460

Square

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



168.5360, -23.4352, -43.4431



148.8180, 52.3477, -130.5134



189.5710, 27.8195, 37.2102



181.8900, -36.4278, 64.1175

Rectangle

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



168.5360, -23.4352, -43.4431



145.8250, 28.1873, -127.8885



189.5710, 27.8195, 37.2102



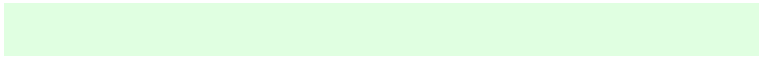
179.1100, -6.4632, 66.5555

Sweetspot

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



168.5360, -23.4352, -43.4431



242.3110, -8.5343, -16.0587



193.1250, -36.5436, 7.7834



120.5660, -5.2090, -9.2664



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.



168.5360, -23.4352, -43.4431



202.8910, -35.4423, -65.6794



173.2100, -5.5265, -47.5422



97.8700, -2.8939, -5.1480



97.8980, -46.2917, -85.8565



22.4200, -10.5601, -19.6623

Inverse Universe

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



153.4640, 23.4352, 43.4431



180.1090, 35.4423, 65.6794



148.7900, 5.5265, 47.5422



96.1300, 2.8939, 5.1480



68.1020, 46.2917, 85.8565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 168.5360, -23.4352, -43.4431 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 168.5360, -23.4352, -43.4431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

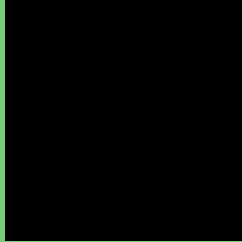
Any Text WCAG AA ✓ Pass

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 168.5360, -23.4352, -43.4431 Background



This preview shows how black text looks on a background with the YUV color 168.5360, -23.4352, -43.4431.



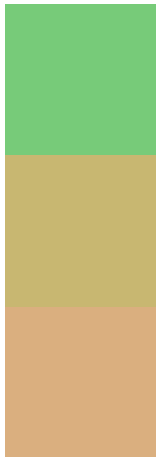
This preview shows how white text looks on a background with the YUV color 168.5360, -23.4352, -43.4431.

-43.4431.

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

168.5360, -23.4352, -43.4431

Protanopia

180.1030, -33.0818, 17.4497

Deuteranopia

182.3850, -27.3048, 31.2344



Tritanopia

177.6670, 14.9542, -36.5420

Trichromacy



Original Color

168.5360, -23.4352, -43.4431

Protanomaly

175.8830, -29.5223, -4.2824

Deuteranomaly

177.2630, -25.7657, 4.1543

Tritanomaly

174.5730, 0.7035, -39.0905

Monochromacy



Original Color

168.5360, -23.4352, -43.4431

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7240, -8.2449, -15.5439

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5360, -23.4352, -43.4431 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(119, 203, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 203, 121)  
}
```

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(119, 203, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 203, 121) }
```

Border

The CSS property to change the border of an element to YUV 168.5360, -23.4352, -43.4431 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(119, 203, 121) }
```


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

```
.border{ border-color:rgb(119, 203, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 203, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 203, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 203, 121);  
box-shadow:4px 4px 4px 4px rgb(119, 203,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 168.5360, -23.4352, -43.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 203, 121) }
```

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

```
.background{ background-color: rgb(119,  
203, 121) }
```

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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