

Converting Colors

YUV(79.5170, -27.8629,
-23.2554)

Have a look what the booklet for
YUV(79.5170, -27.8629, -23.2554)
contains.

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Color

**YUV(79.5170, -27.8629,
-23.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	356817
RGB	53, 104, 23
RGB Percent	21%, 41%, 9%
CMY	0.7922, 0.5922, 0.9098
CMYK	0.49, 0.00, 0.78, 0.59
HSL	98°, 64%, 25%
HSV	98°, 78%, 41%
XYZ	6.5732, 10.7194, 2.5332
YIQ	79.5170, -4.3950, -36.0030

Conversions

Conversions Part 2

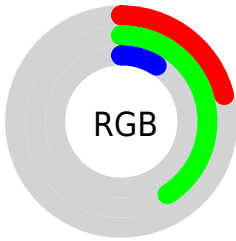
Format	Color
RYB	23, 104, 74
Decimal	3500055
CIELab	39.10, -32.28, 37.91
CIELCh	39, 49.794, 130.415
Yxy	10.7194, 0.3315, 0.5407
Android (android.graphics.Color)	4281690135 (0xFF356817)
YUV	79.5170, -27.8629, -23.2554
Hunter-Lab	32.7405, -21.4591, 18.3309

Details

The YUV color **79.5170, -27.8629, -23.2554** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **47.4830, 27.8629, 23.2554**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.1750, -29.1733, -22.9555**, and **32.8720, -16.2059, -28.8287** is the 20% darker color. If you saturate the color by 10%, you get **76.2840, -31.1990, -26.5591**, and if you desaturate by 10%, it is **82.7500, -24.5267, -19.9518**.

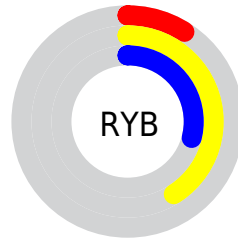
Distribution



 Red (21%)

 Green (41%)

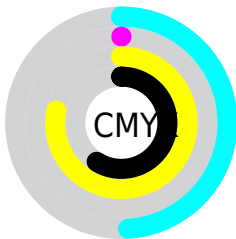
 Blue (9%)



 Red (9%)

 Yellow (41%)

 Blue (29%)

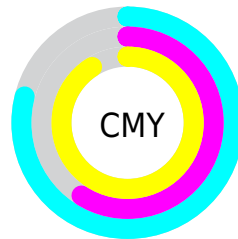


 Cyan (49%)

 Magenta (0%)

 Yellow (78%)

 Black (59%)



 Cyan (79%)

 Magenta (59%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5170, -27.8629, -23.2554 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 79.5170, -27.8629, -23.2554 by changing the saturation by 10% instead.

■ 79.5170, -27.8629,
-23.2554

■ 79.5170, -27.8629,
-23.2554

255.0000, 0.0000,
0.0000

■ 54.7340, -26.9839,
-25.1997

■ 131.1750,
-29.1733, -22.9555

■ 32.8720, -16.2059,
-28.8287

■ 157.6480,
-29.8995, -23.3703

■ 21.1320, -10.4181,
-18.5328

■ 185.1210,
-30.6257, -23.7851

■ 0.0000, 0.0000,
0.0000

■ 213.0070,
-31.0625, -23.6851

■ 234.1480,
-28.1740, -16.7928

■ 246.0110,

-20.2184, -1.7636

252.4920, -9.6096,
2.1995

79.5170, -27.8629,
-23.2554

79.5170, -27.8629,
-23.2554

76.2840, -31.1990,
-26.5591

82.7500, -24.5267,
-19.9518

73.2360, -35.1193,
-29.1480

85.7980, -20.6064,
-17.3628

72.7090, -35.8455,
-29.5628

89.0310, -17.2703,
-14.0592

92.0790, -13.3499,
-11.4703

95.3120, -10.0138,
-8.1666

■ 98.2460, -6.5303,
-5.4777

■ 101.5930, -2.7573,
-2.2741

■ 104.5270, 0.7262,
0.4148

■ 107.8740, 4.4991,
3.6185

Harmonies

Analogous

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



85.0670, -41.9380, 11.3422



79.5170, -27.8629, -23.2554



71.1650, -4.0253, -62.4117

Triad

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



79.5170, -27.8629, -23.2554



80.2000, 43.2854, -70.3354



87.5060, -3.7005, 67.0852

Complementary

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



79.5170, -27.8629, -23.2554



47.4830, 27.8629, 23.2554

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.



91.7010, 13.9514, 52.0052



79.5170, -27.8629, -23.2554



75.4060, 47.6208, -60.8691

Square

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



79.5170, -27.8629, -23.2554



80.3990, 31.3553, -70.5099



94.7700, 29.2004, 14.2337



87.7120, -23.0290, 59.8886

Rectangle

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



79.5170, -27.8629, -23.2554



74.9440, 7.9156, -65.7259



94.7700, 29.2004, 14.2337



87.8030, 2.5621, 65.0708

Sweetspot

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



79.5170, -27.8629, -23.2554



125.7850, -10.7400, -8.5814



76.5690, -26.4095, 24.0570



63.2460, -6.5303, -5.4777



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.5170, -27.8629, -23.2554



97.0150, -43.3914, -35.9702



71.5730, -19.5095, -42.5985



49.5330, -1.7418, -1.3444



80.3620, -39.6185, -32.7665



168.9640, -83.2993, -69.2514

Inverse Universe

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



47.4830, 27.8629, 23.2554



47.2840, 43.2440, 36.5849



55.4270, 19.5095, 42.5985



47.4670, 1.7418, 1.3444



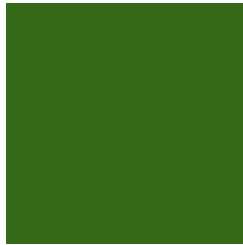
34.6380, 39.6185, 32.7665



73.3350, 83.1518, 69.8662

Previews

White Background



This preview shows how the YUV color 79.5170, -27.8629, -23.2554 looks on a white background.

Color Contrast Check

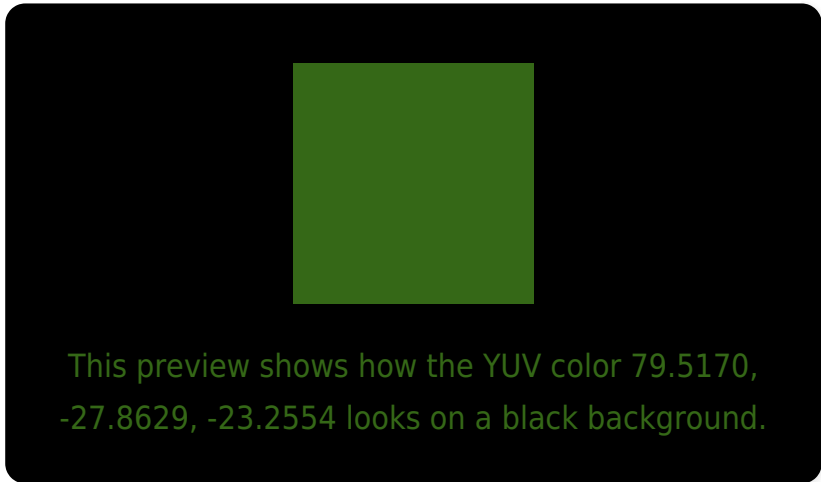
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

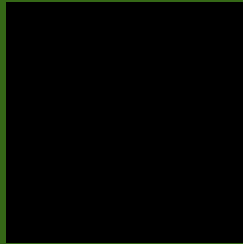
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.5170, -27.8629, -23.2554 Background



This preview shows how black text looks on a background with the YUV color 79.5170, -27.8629, -23.2554.



This preview shows how white text looks on a background with the YUV color 79.5170, -27.8629,

-23.2554.

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

79.5170, -27.8629, -23.2554

Protanopia

87.0810, -33.0709, 13.9610

Deuteranopia

88.9880, -28.5881, 22.8125



Tritanopia

88.6430, 8.0640, -19.8579

Trichromacy



Original Color

79.5170, -27.8629, -23.2554

Protanomaly

84.1610, -31.1384, 0.7358

Deuteranomaly

85.2910, -28.2445, 5.8838

Tritanomaly

85.4890, -5.1711, -21.4769

Monochromacy



Original Color

79.5170, -27.8629, -23.2554

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8990, -10.3032, -8.6814

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5170, -27.8629, -23.2554 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(53, 104, 23)` looks like.

```
.text, #text, p{  
    color:rgb(53, 104, 23)  
}
```

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(53, 104, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 104, 23) }
```

Border

The CSS property to change the border of an element to YUV 79.5170, -27.8629, -23.2554 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(53, 104, 23) }
```


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

```
.border{ border-color:rgb(53, 104, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 104, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 104, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 104, 23);  
box-shadow:4px 4px 4px 4px rgb(53, 104,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 79.5170, -27.8629, -23.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 104, 23) }
```

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

```
.background{ background-color: rgb(53, 104,  
23) }
```

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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