

Converting Colors

YUV(79.5930, -2.2643, 73.1479)

Have a look what the booklet for
YUV(79.5930, -2.2643, 73.1479)
contains.

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Color

**YUV(79.5930, -2.2643,
73.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	A3264B
RGB	163, 38, 75
RGB Percent	64%, 15%, 29%
CMY	0.3608, 0.8510, 0.7059
CMYK	0.00, 0.77, 0.54, 0.36
HSL	342°, 62%, 39%
HSV	342°, 77%, 64%
XYZ	17.0674, 9.6808, 7.6256
YIQ	79.5930, 62.6230, 38.0070

Conversions

Conversions Part 2

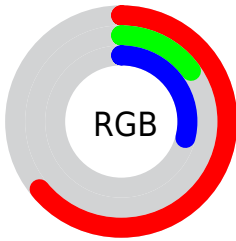
Format	Color
R_{YB}	163, 38, 75
Decimal	10692171
CIE _{Lab}	37.26, 52.50, 9.39
CIE _{LCh}	37, 53.335, 10.144
Yxy	9.6808, 0.4965, 0.2816
Android (android.graphics.Color)	4288882251 (0xFFA3264B)
YUV	79.5930, -2.2643, 73.1479
Hunter-Lab	31.1139, 43.4659, 7.2485

Details

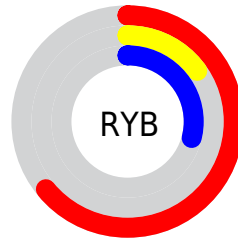
The YUV color **79.5930, -2.2643, 73.1479** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **121.4070, 2.2643, -73.1479**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4640, -6.6378, 75.8921**, and **35.0430, -1.5002, 61.3523** is the 20% darker color. If you saturate the color by 10%, you get **68.9470, -2.4389, 82.4845**, and if you desaturate by 10%, it is **90.2390, -2.0898, 63.8114**.

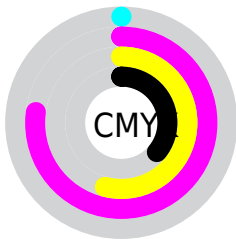
Distribution



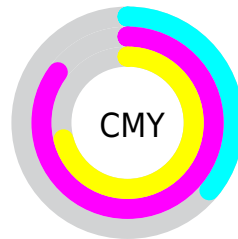
- Red (64%)
- Green (15%)
- Blue (29%)



- Red (64%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (77%)
- Yellow (54%)
- Black (36%)





- Cyan (36%)
- Magenta (85%)
- Yellow (71%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.5930, -2.2643, 73.1479 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 79.5930, -2.2643, 73.1479 by changing the saturation by 10% instead.


 79.5930, -2.2643,
73.1479

 79.5930, -2.2643,
73.1479


255.0000, 0.0000,
0.0000


 46.1080, 3.3978,
77.0813


 136.4640, -6.6378,
75.8921

 35.0430, -1.5002,
61.3523

 164.2470, -7.5168,
77.8364

 23.8210, -8.2928,
46.6380

 184.3590, -4.1210,
61.9522

 15.4770, -6.6442,
31.1537

 203.8730, -0.4304,
44.8384

 0.0000, 0.0000,
0.0000

 223.5010, 3.6970,
27.6246

 243.2600, 5.7878,

10.2960

■ 79.5930, -2.2643,
73.1479

■ 79.5930, -2.2643,
73.1479

■ 68.9470, -2.4389,
82.4845

■ 90.2390, -2.0898,
63.8114

■ 57.6000, -2.7608,
92.4358

■ 101.5860, -1.7679,
53.8601

■ 54.2090, -3.0610,
95.4097

■ 112.2320, -1.5934,
44.5235

■ 122.9920, -0.9821,
35.0870

■ 134.2250, -1.0969,
25.2357

■ 144.9850, -0.4856,
15.7992

■ 155.6310, -0.3111,
6.4626

■ 166.3910, 0.3002,
-2.9739

■ 177.6240, 0.1854,
-12.8252

Harmonies

Analogous

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



85.0050, 16.2665, 56.1236



79.5930, -2.2643, 73.1479



81.6200, -23.4767, 63.4773

Triad

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



79.5930, -2.2643, 73.1479



72.7680, -31.9306, -25.2295



77.9660, 44.8798, -68.3762

Complementary

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



79.5930, -2.2643, 73.1479



121.4070, 2.2643, -73.1479

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.



78.4100, 31.3499, -68.7656



79.5930, -2.2643, 73.1479



68.1330, -5.4886, -59.7526

Square

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



79.5930, -2.2643, 73.1479



80.6370, -39.7540, 10.8424



74.4370, 13.5886, -65.2812



71.3780, 50.0996, -62.5985

Rectangle

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



79.5930, -2.2643, 73.1479



81.8190, -38.8578, 50.1477



74.4370, 13.5886, -65.2812



78.9290, 40.9540, -69.2207

Sweetspot

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



79.5930, -2.2643, 73.1479



179.2470, -1.1078, 28.7244



78.5620, 41.6279, 41.6031



86.9960, -0.4910, 17.5435



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



79.5930, -2.2643, 73.1479



81.9170, -3.4101, 114.0828



90.0500, -25.6606, 63.9772



76.0330, -0.0163, 5.2331



48.2570, -2.5917, 84.8436



5.9520, -0.4693, 10.5661

Inverse Universe

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



79.5930, -2.2643, 73.1479



81.9170, -3.4101, 114.0828



110.9500, 25.6607, -63.9771



76.0330, -0.0163, 5.2331



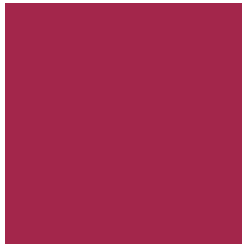
48.2570, -2.5917, 84.8436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 79.5930, -2.2643, 73.1479 looks on a white background.

Color Contrast Check

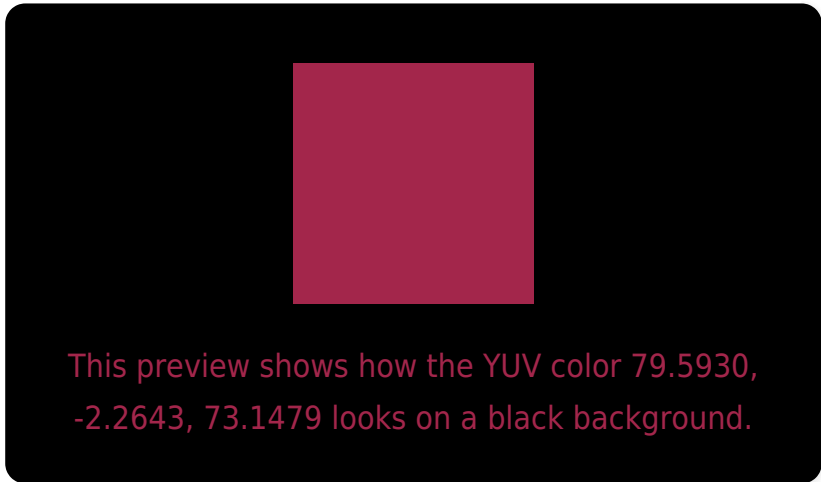
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

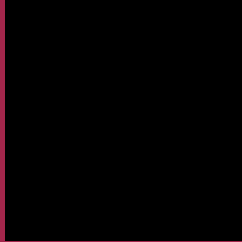
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5930, -2.2643, 73.1479

Background



This preview shows how black text looks on a background with the YUV color 79.5930, -2.2643, 73.1479.



This preview shows how white text looks on a background with the YUV color 79.5930, -2.2643,

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

79.5930, -2.2643, 73.1479

Protanopia

89.1830, 5.8258, -1.9145

Deuteranopia

88.8570, -9.7895, 13.2804



Tritanopia

80.2110, -16.3730, 71.7290

Trichromacy



Original Color

79.5930, -2.2643, 73.1479

Protanomaly

85.9630, 2.9762, 25.4654

Deuteranomaly

85.3850, -7.0918, 34.7424

Tritanomaly

79.5900, -11.1369, 72.2736

Monochromacy



Original Color

79.5930, -2.2643, 73.1479

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9370, -0.9549, 26.3653

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5930, -2.2643, 73.1479 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(163, 38, 75)` looks like.

```
.text, #text, p{  
    color:rgb(163, 38, 75)  
}
```

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(163, 38, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 38, 75) }
```

Border

The CSS property to change the border of an element to YUV 79.5930, -2.2643, 73.1479 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(163, 38, 75) }
```


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

```
.border{ border-color:rgb(163, 38, 75) }
```

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

Here you see how a box with a 4 pixel rgb(163, 38, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 38, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 38, 75);  
box-shadow:4px 4px 4px 4px rgb(163, 38,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 79.5930, -2.2643, 73.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 38, 75) }
```

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

```
.background{ background-color: rgb(163, 38,  
75) }
```

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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