

Converting Colors

YUV(52.3130, 9.2127, 78.6555)

Have a look what the booklet for
YUV(52.3130, 9.2127, 78.6555)
contains.

YUV(52.3130, 9.2127, 78.6555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.3130, 9.2127,
78.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0347
RGB	142, 3, 71
RGB Percent	56%, 1%, 28%
CMY	0.4431, 0.9882, 0.7216
CMYK	0.00, 0.98, 0.50, 0.44
HSL	331°, 96%, 28%
HSV	331°, 98%, 56%
XYZ	12.3252, 6.2708, 6.5220
YIQ	52.3130, 61.0160, 50.6160

Conversions

Conversions Part 2

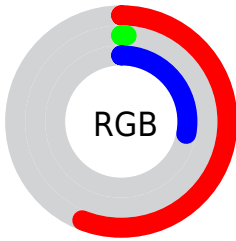
Format	Color
RYB	142, 3, 71
Decimal	9306951
CIELab	30.09, 54.43, 1.20
CIELCh	30, 54.447, 1.268
Yxy	6.2708, 0.4907, 0.2497
Android (android.graphics.Color)	4287497031 (0xFF8E0347)
YUV	52.3130, 9.2127, 78.6555
Hunter-Lab	25.0416, 44.0329, 2.0873

Details

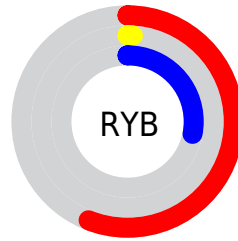
The YUV color **52.3130, 9.2127, 78.6555** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **92.6870, -9.2127, -78.6555**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5160, 1.2246, 74.0925**, and **28.6070, -0.2993, 49.4567** is the 20% darker color. If you saturate the color by 10%, you get **50.3240, 9.2073, 80.3999**, and if you desaturate by 10%, it is **61.3290, 8.2188, 70.7485**.

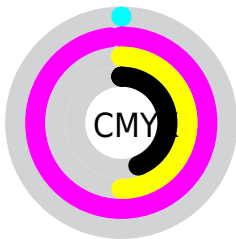
Distribution



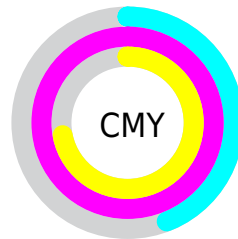
- Red (56%)
- Green (1%)
- Blue (28%)



- Red (56%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (50%)
- Black (44%)



- Cyan (44%)
- Magenta (99%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3130, 9.2127, 78.6555 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 52.3130, 9.2127, 78.6555 by changing the saturation by 10% instead.

■ 52.3130, 9.2127,
78.6555

■ 52.3130, 9.2127,
78.6555

■ 255.0000, 0.0000,
0.0000

■ 39.3730, 4.7461,
64.5709

■ 116.5160, 1.2246,
74.0925

■ 28.6070, -0.2993,
49.4567

■ 144.5870, 0.2036,
74.9072

■ 18.5810, -7.6814,
37.2015

■ 170.8750, 0.0616,
73.7776

■ 7.2900, -3.1010,
14.6547

■ 190.3890, 3.7522,
56.6638


■ 0.0000, 0.0000,
0.0000


■ 210.0170, 7.8796,
39.4501


■ 230.3460, 12.1544,

21.6216

 247.3690, 3.7621,
6.6924

 52.3130, 9.2127,
78.6555

 52.3130, 9.2127,
78.6555

 50.3240, 9.2073,
80.3999

 61.3290, 8.2188,
70.7485

 70.4590, 7.6617,
62.7415

 80.0620, 6.3784,
54.3196

 89.0780, 5.3845,
46.4126

 98.0940, 4.3907,
38.5056

■ 107.2240, 3.8336,
30.4986

■ 116.2400, 2.8397,
22.5915

■ 125.8430, 1.5564,
14.1697

■ 134.8590, 0.5625,
6.2627

Harmonies

Analogous

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



67.7310, 21.8246, 46.7169



52.3130, 9.2127, 78.6555



59.6560, -14.6204, 69.5847

Triad

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



52.3130, 9.2127, 78.6555



60.1050, -29.6318, -15.8781



66.5390, 39.1743, -58.3547

Complementary

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



52.3130, 9.2127, 78.6555



92.6870, -9.2127, -78.6555

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.



65.2390, 24.0392, -57.2146



52.3130, 9.2127, 78.6555



53.4460, -13.5309, -46.8721

Square

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



52.3130, 9.2127, 78.6555



66.8040, -32.9344, 16.8349



59.8640, 5.9830, -52.5007



62.5100, 46.5836, -54.8213

Rectangle

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



52.3130, 9.2127, 78.6555



63.8010, -31.4539, 55.4255



59.8640, 5.9830, -52.5007



66.6870, 34.6643, -58.4845

Sweetspot

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



52.3130, 9.2127, 78.6555



149.1100, 3.3968, 30.5985



39.7760, 50.3964, 29.1374



71.2780, 1.8349, 18.1732



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



52.3130, 9.2127, 78.6555



65.2760, 12.1889, 104.1209



44.5610, -20.4896, 85.4540



66.5490, 0.7153, 3.9035



47.8890, 8.9287, 76.3963



2.8480, 0.5679, 4.5183

Inverse Universe

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



52.3130, 9.2127, 78.6555



65.2760, 12.1889, 104.1209



100.4390, 20.4896, -85.4540



66.5490, 0.7153, 3.9035



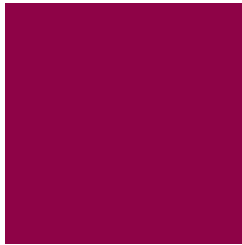
47.8890, 8.9287, 76.3963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 52.3130, 9.2127, 78.6555 looks on a white background.

Color Contrast Check

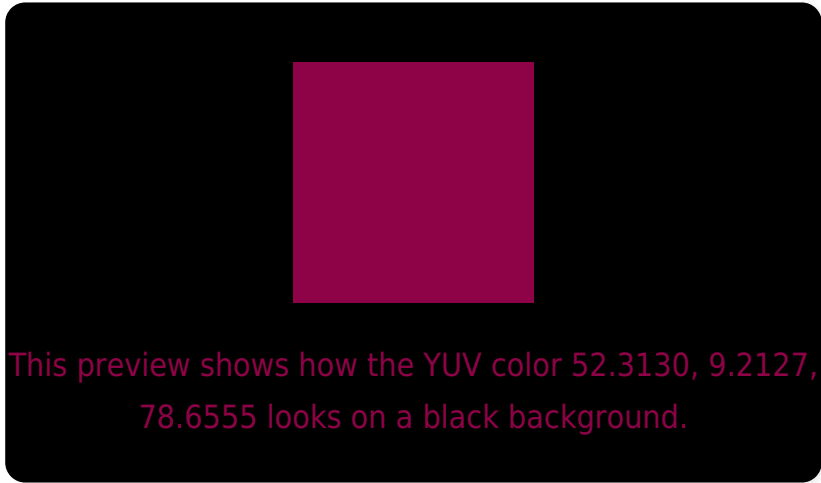
Large Text (above 18pt) WCAG AA ✓ Pass

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

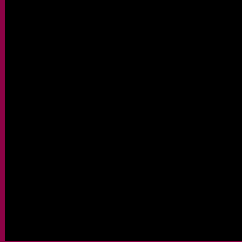
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3130, 9.2127, 78.6555

Background



This preview shows how black text looks on a background with the YUV color 52.3130, 9.2127, 78.6555.



This preview shows how white text looks on a background with the YUV color 52.3130, 9.2127,

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

52.3130, 9.2127, 78.6555

Protanopia

74.0280, 14.2832, -7.9176

Deuteranopia

74.2030, -4.5371, 8.5920



Tritanopia

61.4880, -16.5096, 68.8550

Trichromacy



Original Color

52.3130, 9.2127, 78.6555

Protanomaly

66.3570, 12.1490, 23.3659

Deuteranomaly

66.0350, 0.4757, 34.1723

Tritanomaly

58.3280, -7.0637, 72.5033

Monochromacy



Original Color

52.3130, 9.2127, 78.6555

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.0990, 3.4022, 28.8542

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3130, 9.2127, 78.6555 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(142, 3, 71)` looks like.

```
.text, #text, p{  
    color:rgb(142, 3, 71)  
}
```

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(142, 3, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 3, 71) }
```

Border

The CSS property to change the border of an element to YUV 52.3130, 9.2127, 78.6555 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(142, 3, 71) }
```


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

```
.border{ border-color:rgb(142, 3, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 3, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 3, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 3, 71);  
box-shadow:4px 4px 4px 4px rgb(142, 3, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3130, 9.2127, 78.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 3, 71) }
```

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

```
.background{ background-color: rgb(142, 3,  
71) }
```

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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