

Converting Colors

YUV(62.5240, -4.2023, 88.1175)

Have a look what the booklet for
YUV(62.5240, -4.2023, 88.1175)
contains.

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Color

**YUV(62.5240, -4.2023,
88.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	A30D36
RGB	163, 13, 54
RGB Percent	64%, 5%, 21%
CMY	0.3608, 0.9490, 0.7882
CMYK	0.00, 0.92, 0.67, 0.36
HSL	344°, 85%, 35%
HSV	344°, 92%, 64%
XYZ	15.9140, 8.3407, 4.2612
YIQ	62.5240, 76.2390, 44.5510

Conversions

Conversions Part 2

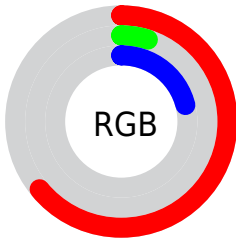
Format	Color
RYB	163, 13, 54
Decimal	10685750
CIELab	34.68, 57.12, 19.48
CIElCh	35, 60.353, 18.832
Yxy	8.3407, 0.5581, 0.2925
Android (android.graphics.Color)	4288875830 (0xFFA30D36)
YUV	62.5240, -4.2023, 88.1175
Hunter-Lab	28.8803, 47.8191, 11.4682

Details

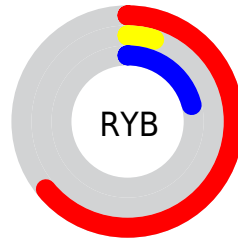
The YUV color **62.5240, -4.2023, 88.1175** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **113.4760, 4.2023, -88.1175**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9230, -12.7800, 86.0135**, and **32.0510, -10.3781, 62.2223** is the 20% darker color. If you saturate the color by 10%, you get **53.8670, -4.3714, 95.7096**, and if you desaturate by 10%, it is **73.2840, -3.5910, 78.6809**.

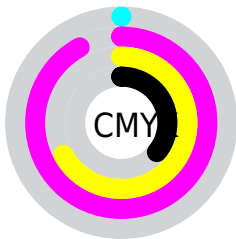
Distribution



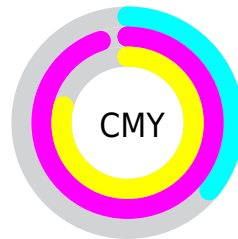
- Red (64%)
- Green (5%)
- Blue (21%)



- Red (64%)
- Yellow (5%)
- Blue (21%)



- Cyan (0%)
- Magenta (92%)
- Yellow (67%)
- Black (36%)



- Cyan (36%)
- Magenta (95%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.5240, -4.2023, 88.1175 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 62.5240, -4.2023, 88.1175 by changing the saturation by 10% instead.

62.5240, -4.2023,
88.1175

62.5240, -4.2023,
88.1175

255.0000, 0.0000,
0.0000

43.5290, -5.1908,
78.4661

125.9230,
-12.7800, 86.0135

32.0510, -10.3781,
62.2223

154.4780,
-14.5327, 88.1578

22.2400, -10.4713,
45.3935

173.8780,
-11.2789, 71.1440

13.9820, -5.9071,
28.0798

193.3920, -7.5883,
54.0302

0.0000, 0.0000,
0.0000

212.9060, -3.8977,
36.9164

233.1210, -0.0597,

19.1879

253.2390, 0.8682,
1.5444

■ 62.5240, -4.2023,
88.1175

■ 62.5240, -4.2023,
88.1175

■ 53.8670, -4.3714,
95.7096

■ 73.2840, -3.5910,
78.6809

■ 84.6310, -3.2691,
68.7296

■ 95.3910, -2.6578,
59.2931

■ 106.0370, -2.4832,
49.9566

■ 117.3840, -2.1613,
40.0052

■ 128.1440, -1.5500,
30.5687

■ 138.9040, -0.9387,
21.1322

■ 149.6640, -0.3274,
11.6957

■ 161.0110, -0.0054,
1.7444

Harmonies

Analogous

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



66.4900, 17.5064, 78.5003



62.5240, -4.2023, 88.1175



72.4710, -34.2492, 65.3619

Triad

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



62.5240, -4.2023, 88.1175



57.1670, -27.1973, -50.1355



74.7690, 50.3999, -65.5724

Complementary

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



62.5240, -4.2023, 88.1175



113.4760, 4.2023, -88.1175

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.



76.2560, 38.3278, -66.8765



62.5240, -4.2023, 88.1175



66.2410, -2.5838, -58.0934

Square

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



62.5240, -4.2023, 88.1175



73.1840, -36.0797, -1.0384



72.5280, 18.9667, -63.6071



65.0350, 53.7197, -57.0357

Rectangle

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



62.5240, -4.2023, 88.1175



76.7150, -37.8205, 44.0999



72.5280, 18.9667, -63.6071



75.9600, 47.3477, -66.6169

Sweetspot

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



62.5240, -4.2023, 88.1175



171.8780, -1.4189, 35.1870



62.3920, 49.5997, 51.3992



82.9040, -0.9387, 21.1322



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.



62.5240, -4.2023, 88.1175



70.0000, -5.9160, 124.5340



77.2210, -31.6610, 75.2282



76.0330, -0.0163, 5.2331



47.9150, -3.9021, 85.1435



5.9520, -0.4693, 10.5661

Inverse Universe

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



62.5240, -4.2023, 88.1175



70.0000, -5.9160, 124.5340



99.3660, 31.3716, -75.7430



76.0330, -0.0163, 5.2331



47.9150, -3.9021, 85.1435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 62.5240, -4.2023, 88.1175 looks on a white background.

Color Contrast Check

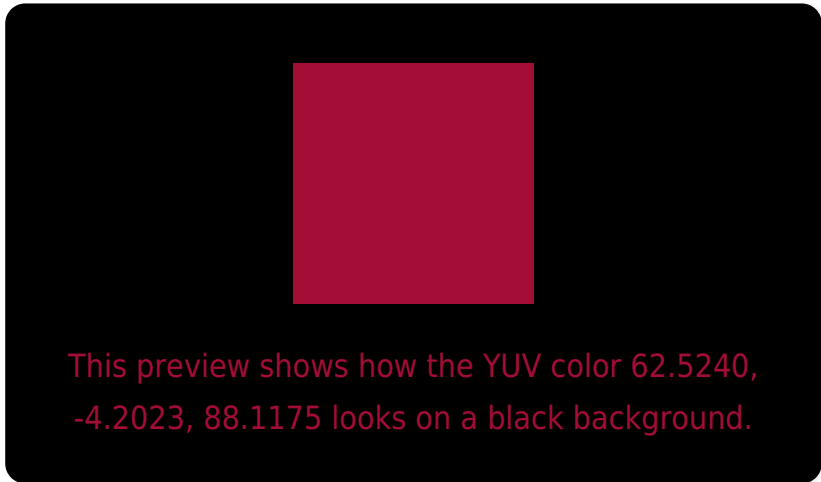
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.5240, -4.2023, 88.1175

Background



This preview shows how black text looks on a background with the YUV color 62.5240, -4.2023, 88.1175.



This preview shows how white text looks on a background with the YUV color 62.5240, -4.2023,

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

62.5240, -4.2023, 88.1175

Protanopia

83.4410, -2.1894, 2.2442

Deuteranopia

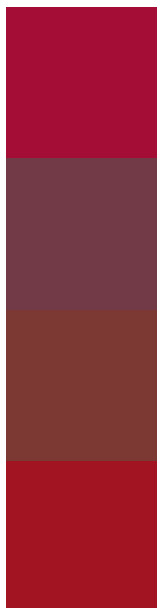
82.8160, -17.6573, 16.8244



Tritanopia

65.0340, -21.2158, 85.0392

Trichromacy



Original Color

62.5240, -4.2023, 88.1175

Protanomaly

76.1120, -3.0132, 33.2278

Deuteranomaly

75.6480, -12.6445, 42.4047

Tritanomaly

64.0540, -14.8166, 85.8986

Monochromacy



Original Color

62.5240, -4.2023, 88.1175

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8560, -1.4080, 31.6983

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5240, -4.2023, 88.1175 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, 13, 54)` looks like.

```
.text, #text, p{  
    color:rgb(163, 13, 54)  
}
```

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, 13, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 13, 54) }
```

Border

The CSS property to change the border of an element to YUV 62.5240, -4.2023, 88.1175 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, 13, 54) }
```


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

```
.border{ border-color:rgb(163, 13, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 13, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 13, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 13, 54);  
box-shadow:4px 4px 4px 4px rgb(163, 13,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 62.5240, -4.2023, 88.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 13, 54) }
```

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

```
.background{ background-color: rgb(163, 13,  
54) }
```

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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