

Converting Colors

YUV(62.1830, -3.5412,
109.4645)

Have a look what the booklet for
YUV(62.1830, -3.5412, 109.4645)
contains.

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Color

**YUV(62.1830, -3.5412,
109.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0037
RGB	187, 0, 55
RGB Percent	73%, 0%, 22%
CMY	0.2667, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.71, 0.27
HSL	342°, 100%, 37%
HSV	342°, 100%, 73%
XYZ	21.1831, 10.8406, 4.5904
YIQ	62.1830, 93.7970, 56.7490

Conversions

Conversions Part 2

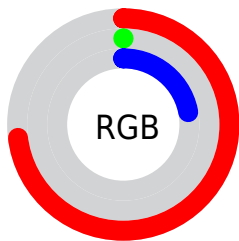
Format	Color
R_{YB}	187, 0, 55
Decimal	12255287
CIE _{Lab}	39.31, 64.74, 25.76
CIE _{LCh}	39, 69.674, 21.694
Yxy	10.8406, 0.5785, 0.2961
Android (android.graphics.Color)	4290445367 (0xFFBB0037)
YUV	62.1830, -3.5412, 109.4645
Hunter-Lab	32.9251, 57.2230, 14.7814

Details

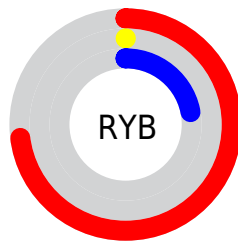
The YUV color **62.1830, -3.5412, 109.4645** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **124.8170, 3.5412, -109.4645**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3980, -16.4652, 101.3830**, and **38.8570, -12.7475, 75.5474** is the 20% darker color. If you saturate the color by 10%, you get **62.1830, -3.5412, 109.4645**, and if you desaturate by 10%, it is **74.8180, -3.3613, 98.3836**.

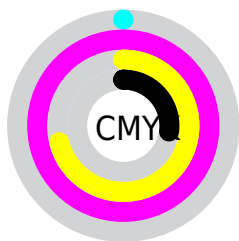
Distribution



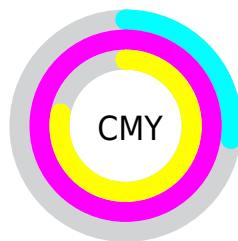
- Red (73%)
- Green (0%)
- Blue (22%)



- Red (73%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1830, -3.5412, 109.4645 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 62.1830, -3.5412, 109.4645 by changing the saturation by 10% instead.

■ 62.1830, -3.5412,
109.4645

■ 62.1830, -3.5412,
109.4645

255.0000, 0.0000,
0.0000

■ 50.5200, -8.1444,
92.5060

■ 134.3980,
-16.4652, 101.3830

■ 38.8570, -12.7475,
75.5474

■ 155.7660,
-14.6746, 87.0282

■ 28.4050, -14.0037,
58.4038

■ 175.7530,
-11.7102, 69.4996

■ 20.0760, -8.4185,
40.2753

■ 195.8540, -8.3090,
51.8710

■ 9.6820, -4.2802,
19.5729

■ 215.9550, -4.9078,
34.2425

■ 0.0000, 0.0000,
0.0000

■ 236.8710, -0.9224,

15.8991

■ 62.1830, -3.5412,
109.4645

■ 74.8180, -3.3613,
98.3836

■ 86.8660, -2.8919,
87.8175

■ 99.6150, -2.2752,
76.6366

■ 112.2500, -2.0952,
65.5558

■ 124.8850, -1.9153,
54.4749

■ 136.9330, -1.4460,
43.9088

■ 149.5680, -1.2660,
32.8279

■ 162.3170, -0.6493,
21.6470

■ 174.3650, -0.1799,
11.0809

Harmonies

Analogous

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



67.0720, 21.6565, 100.7919



62.1830, -3.5412, 109.4645



82.5060, -40.6755, 73.2242

Triad

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



62.1830, -3.5412, 109.4645



65.4990, -30.8120, -57.4426



85.2330, 60.0311, -74.7493

Complementary

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



62.1830, -3.5412, 109.4645



124.8170, 3.5412, -109.4645

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.



87.6660, 46.5067, -76.8831



62.1830, -3.5412, 109.4645



75.9410, -0.9569, -66.6003

Square

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



62.1830, -3.5412, 109.4645



82.0000, -40.4260, -7.0160



83.2540, 24.5248, -73.0138



79.8710, 59.2236, -48.9989

Rectangle

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



62.1830, -3.5412, 109.4645



87.3580, -43.0675, 47.0440



83.2540, 24.5248, -73.0138



87.0110, 56.6896, -76.3086

Sweetspot

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



62.1830, -3.5412, 109.4645



193.9220, -1.4405, 42.1644



60.4870, 62.3709, 61.8399



92.6380, -0.8075, 25.7505



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



62.1830, -3.5412, 109.4645



80.4520, -4.6598, 141.6776



77.6320, -38.2726, 95.9157



88.0330, -0.0163, 5.2331



52.4860, -3.1976, 92.5358



10.2950, -0.6384, 18.1583

Inverse Universe

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



62.1830, -3.5412, 109.4645



80.4520, -4.6598, 141.6776



109.3680, 38.2726, -95.9157



88.0330, -0.0163, 5.2331



52.6000, -2.7608, 92.4358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 62.1830, -3.5412, 109.4645 looks on a white background.

Color Contrast Check

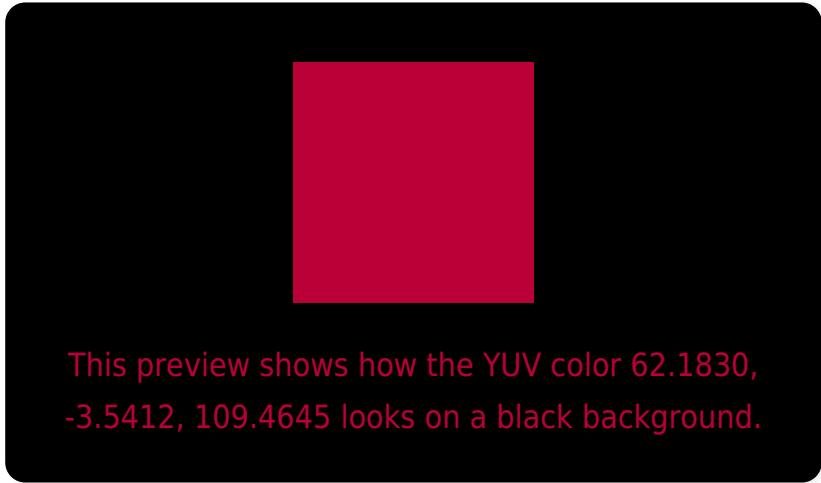
Large Text (above 18pt) WCAG AA ✓ Pass

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

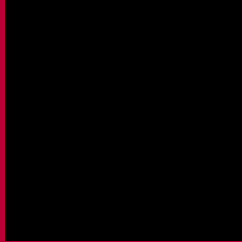
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.1830, -3.5412, 109.4645

Background



This preview shows how black text looks on a background with the YUV color 62.1830, -3.5412, 109.4645.



This preview shows how white text looks on a background with the YUV color 62.1830, -3.5412,

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

62.1830, -3.5412, 109.4645

Protanopia

95.0130, -6.4154, 4.3736

Deuteranopia

93.6440, -23.4885, 20.4832



Tritanopia

70.5800, -25.9219, 101.2233

Trichromacy



Original Color

62.1830, -3.5412, 109.4645

Protanomaly

82.8960, -5.3717, 43.0642

Deuteranomaly

82.0900, -16.3134, 52.5411

Tritanomaly

67.3660, -17.9284, 104.0420

Monochromacy



Original Color

62.1830, -3.5412, 109.4645

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6120, -1.2877, 39.8053

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1830, -3.5412, 109.4645 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(187, 0, 55)` looks like.

```
.text, #text, p{  
    color:rgb(187, 0, 55)  
}
```

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(187, 0, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 55) }
```

Border

The CSS property to change the border of an element to YUV 62.1830, -3.5412, 109.4645 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(187, 0, 55) }
```


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

```
.border{ border-color:rgb(187, 0, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 0, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 0, 55);  
box-shadow:4px 4px 4px 4px rgb(187, 0, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.1830, -3.5412, 109.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 0, 55) }
```

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

```
.background{ background-color: rgb(187, 0,  
55) }
```

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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