

Converting Colors

YUV(67.1630, -23.7444,
55.9850)

Have a look what the booklet for
YUV(67.1630, -23.7444, 55.9850)
contains.

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Color

**YUV(67.1630, -23.7444,
55.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	832C13
RGB	131, 44, 19
RGB Percent	51%, 17%, 7%
CMY	0.4863, 0.8275, 0.9255
CMYK	0.00, 0.66, 0.85, 0.49
HSL	13°, 75%, 29%
HSV	13°, 85%, 51%
XYZ	10.3783, 6.6737, 1.3572
YIQ	67.1630, 59.8770, 10.6690

Conversions

Conversions Part 2

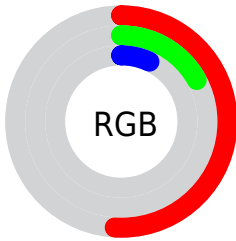
Format	Color
R_{YB}	131, 51, 19
Decimal	8596499
CIE Lab	31.05, 36.17, 34.75
CIE LCh	31, 50.160, 43.853
Yxy	6.6737, 0.5638, 0.3625
Android (android.graphics.Color)	4286786579 (0xFF832C13)
YUV	67.1630, -23.7444, 55.9850
Hunter-Lab	25.8335, 26.5018, 14.9684

Details

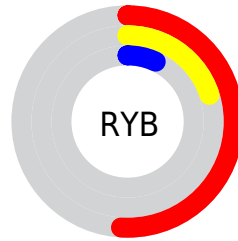
The YUV color **67.1630, -23.7444, 55.9850** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.8370, 23.7444, -55.9850**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2840, -27.2550, 62.0179**, and **22.1260, -10.9081, 45.4935** is the 20% darker color. If you saturate the color by 10%, you get **59.8110, -26.5288, 62.4328**, and if you desaturate by 10%, it is **74.5150, -20.9599, 49.5373**.

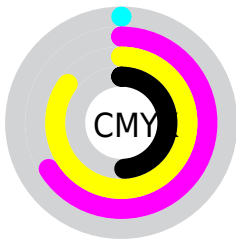
Distribution



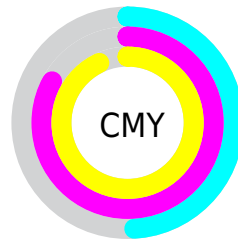
- Red (51%)
- Green (17%)
- Blue (7%)



- Red (51%)
- Yellow (20%)
- Blue (7%)



- Cyan (0%)
- Magenta (66%)
- Yellow (85%)
- Black (49%)





- Cyan (49%)
- Magenta (83%)
- Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 67.1630, -23.7444, 55.9850 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 67.1630, -23.7444, 55.9850 by changing the saturation by 10% instead.


 67.1630, -23.7444,
55.9850


 67.1630, -23.7444,
55.9850


 254.3160, -2.6208,
0.5999


 40.7760, -20.1026,
54.5704

 119.2840,
-27.2550, 62.0179


 22.1260, -10.9081,
45.4935


 146.2520,
-28.7182, 64.6770

 14.7650, -6.7861,
30.0241

 173.6330,
-29.8921, 67.8509


 0.0000, 0.0000,
0.0000


 193.5280,
-27.3753, 53.9109


 213.0420,
-23.6847, 36.7972


 233.1430,


-20.2835, 19.1686


 251.0100,
-15.2879, 3.4992


 67.1630, -23.7444,
55.9850


 67.1630, -23.7444,
55.9850


 59.8110, -26.5288,
62.4328


 74.5150, -20.9599,
49.5373

 56.1920, -27.7027,
65.6066

 81.8670, -18.1754,
43.0896

 89.8060, -15.6804,
36.1271

 97.1580, -12.8959,
29.6794

 104.6240, -9.6746,
23.1318

■ 111.9760, -6.8902,
16.6840

■ 119.3280, -4.1057,
10.2363

■ 126.6800, -1.3212,
3.7886

■ 134.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



63.3320, -3.1217, 68.1148



67.1630, -23.7444, 55.9850



68.9740, -34.0042, 33.3488

Triad

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



67.1630, -23.7444, 55.9850



57.9430, -3.9159, -50.8160



59.3640, 44.6835, -52.0622

Complementary

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



67.1630, -23.7444, 55.9850



82.8370, 23.7444, -55.9850

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.



66.2940, 40.7741, -58.1398



67.1630, -23.7444, 55.9850



63.2040, 13.7034, -55.4299

Square

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



67.1630, -23.7444, 55.9850



57.0430, -25.6572, -30.7327



66.7210, 29.7175, -58.5143



74.9340, 27.1475, 19.3519

Rectangle

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



67.1630, -23.7444, 55.9850



68.2660, -33.6551, 14.6757



66.7210, 29.7175, -58.5143



62.5270, 44.1102, -54.8362

Sweetspot

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



67.1630, -23.7444, 55.9850



145.3250, -9.5272, 22.5170



62.5200, 21.9286, 60.0570



71.5950, -5.7163, 13.5102



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



67.1630, -23.7444, 55.9850



73.4350, -36.2035, 85.5645



99.4480, -39.6609, 27.6711



62.3810, -1.1738, 3.1739



55.8930, -27.5552, 64.9918



1.4840, -0.7316, 1.3295

Inverse Universe

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



82.8370, 23.7444, -55.9850



97.5650, 36.2035, -85.5645



50.5520, 39.6609, -27.6711



63.6190, 1.1738, -3.1739



74.1070, 27.5552, -64.9918



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 67.1630, -23.7444, 55.9850 looks on a white background.

Color Contrast Check

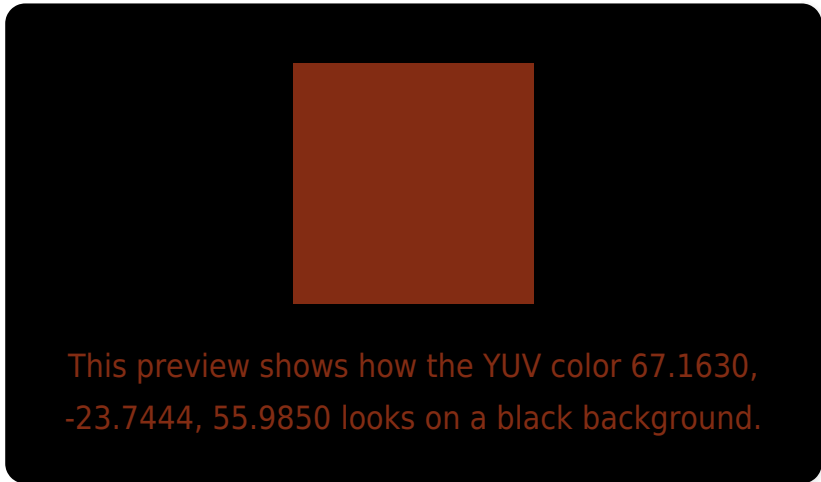
Large Text (above 18pt) WCAG AA ✓ Pass

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

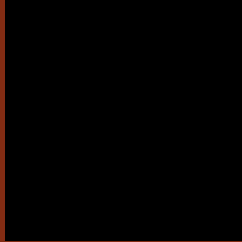
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1630, -23.7444, 55.9850

Background



This preview shows how black text looks on a background with the YUV color 67.1630, -23.7444, 55.9850.



This preview shows how white text looks on a background with the YUV color 67.1630, -23.7444,

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

67.1630, -23.7444, 55.9850

Protanopia

71.3330, -21.8562, 10.2320

Deuteranopia

69.1960, -34.1136, 21.7531



Tritanopia

68.5510, -12.1036, 55.6448

Trichromacy



Original Color

67.1630, -23.7444, 55.9850

Protanomaly

69.6170, -22.4892, 26.6459

Deuteranomaly

68.5980, -30.3678, 33.6786

Tritanomaly

68.1120, -16.3242, 56.0298

Monochromacy



Original Color

67.1630, -23.7444, 55.9850

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2430, -8.5008, 19.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1630, -23.7444, 55.9850 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(131, 44, 19)` looks like.

```
.text, #text, p{  
    color:rgb(131, 44, 19)  
}
```

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(131, 44, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 44, 19) }
```

Border

The CSS property to change the border of an element to YUV 67.1630, -23.7444, 55.9850 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(131, 44, 19) }
```


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

```
.border{ border-color:rgb(131, 44, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 44, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 44, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 44, 19);  
box-shadow:4px 4px 4px 4px rgb(131, 44,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 67.1630, -23.7444, 55.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 44, 19) }
```

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

```
.background{ background-color: rgb(131, 44,  
19) }
```

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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