

Converting Colors

YUV(70.9100, -23.1266,
91.2869)

Have a look what the booklet for
YUV(70.9100, -23.1266, 91.2869)
contains.

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Color

**YUV(70.9100, -23.1266,
91.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1B18
RGB	175, 27, 24
RGB Percent	69%, 11%, 9%
CMY	0.3137, 0.8941, 0.9059
CMYK	0.00, 0.85, 0.86, 0.31
HSL	1°, 76%, 39%
HSV	1°, 86%, 69%
XYZ	18.2360, 9.9638, 1.8262
YIQ	70.9100, 89.1710, 30.4430

Conversions

Conversions Part 2

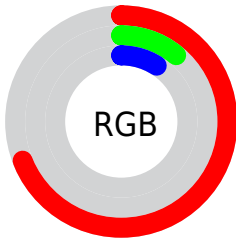
Format	Color
R_{YB}	175, 27, 24
Decimal	11475736
CIE Lab	37.78, 56.58, 41.52
CIE LCh	38, 70.185, 36.274
Yxy	9.9638, 0.6073, 0.3318
Android (android.graphics.Color)	4289665816 (0xFFAF1B18)
YUV	70.9100, -23.1266, 91.2869
Hunter-Lab	31.5654, 47.8835, 18.6656

Details

The YUV color **70.9100, -23.1266, 91.2869** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **128.0900, 23.1266, -91.2869**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2710, -30.6996, 93.6013**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **58.8790, -26.0693, 101.8381**, and if you desaturate by 10%, it is **82.8270, -20.6207, 80.8357**.

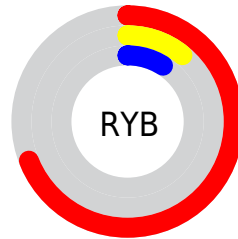
Distribution



Red (69%)

Green (11%)

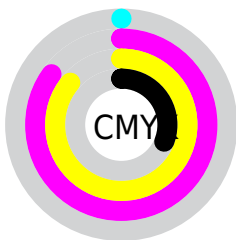
Blue (9%)



Red (69%)

Yellow (11%)

Blue (9%)

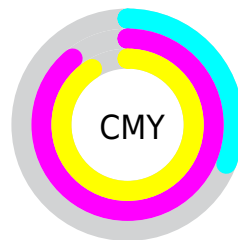


Cyan (0%)

Magenta (85%)

Yellow (86%)

Black (31%)



Cyan (31%)


Magenta (89%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.9100, -23.1266, 91.2869 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 70.9100, -23.1266, 91.2869 by changing the saturation by 10% instead.


 70.9100, -23.1266,
91.2869


 70.9100, -23.1266,
91.2869


255.0000, 0.0000,
0.0000


 43.0560, -21.2266,
88.5279


 131.2710,
-30.6996, 93.6013


 33.7870, -16.6570,
69.4698


 155.0530,
-30.0991, 87.6535


 24.8170, -12.2348,
51.0265

 174.3390,
-27.2821, 70.7397

 16.6730, -7.2338,
33.6128

 193.7390,
-24.0283, 53.7259


 2.9900, -1.4741,
6.1478


 213.7260,
-21.0639, 36.1973


 0.0000, 0.0000,
0.0000


 233.9410,


-17.2259, 18.4687


 251.8080,
-12.2303, 2.7994


 70.9100, -23.1266,
91.2869


 70.9100, -23.1266,
91.2869


 58.8790, -26.0693,
101.8381


 82.8270, -20.6207,
80.8357

 54.0860, -26.6644,
106.0416

 94.8580, -17.6780,
70.2845

 106.7750,
-15.1721, 59.8333

 119.3930,
-12.5187, 48.7673

 131.3100,
-10.0128, 38.3161

■ 143.3410, -7.0701,
27.7649

■ 155.3720, -4.1274,
17.2138

■ 167.2890, -1.6215,
6.7625

■ 179.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



64.1360, 7.8210, 105.1207



70.9100, -23.1266, 91.2869



82.9720, -40.9052, 53.5216

Triad

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



70.9100, -23.1266, 91.2869



68.4290, -14.5085, -60.0122



77.8470, 62.1934, -68.2718

Complementary

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



70.9100, -23.1266, 91.2869



128.0900, 23.1266, -91.2869

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.



84.9250, 53.7740, -74.4792



70.9100, -23.1266, 91.2869



77.1440, 11.2680, -67.6553

Square

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



70.9100, -23.1266, 91.2869



69.7300, -34.3769, -33.9662



83.4140, 35.2919, -73.1541



89.0910, 45.8041, 8.6902

Rectangle

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



70.9100, -23.1266, 91.2869



83.6930, -41.2606, 27.4562



83.4140, 35.2919, -73.1541



81.3690, 60.4571, -71.3606

Sweetspot

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



70.9100, -23.1266, 91.2869



186.2280, -8.9864, 35.7570



86.0210, 42.3876, 78.0346



90.3510, -5.5960, 21.6172



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



70.9100, -23.1266, 91.2869



70.8080, -34.9083, 136.9804



114.9350, -44.8310, 52.6770



80.6910, -1.3267, 5.5330



46.6110, -22.9792, 90.6722



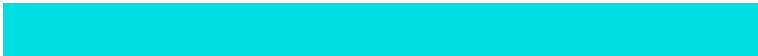
6.8770, -3.3904, 14.1399

Inverse Universe

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



128.0900, 23.1266, -91.2869



156.1920, 34.9083, -136.9804



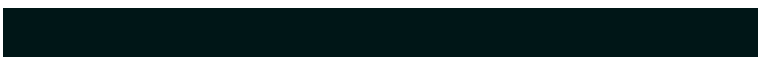
84.0650, 44.8310, -52.6770



84.3090, 1.3267, -5.5330



103.3890, 22.9792, -90.6722



15.5360, 3.6798, -13.6251

Previews

White Background



This preview shows how the YUV color 70.9100, -23.1266, 91.2869 looks on a white background.

Color Contrast Check

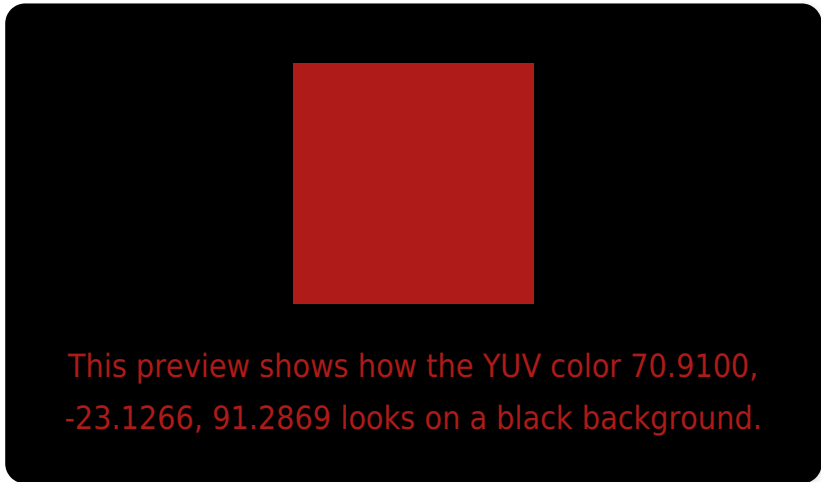
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.9100, -23.1266, 91.2869

Background



This preview shows how black text looks on a background with the YUV color 70.9100, -23.1266, 91.2869.



This preview shows how white text looks on a background with the YUV color 70.9100, -23.1266,

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

70.9100, -23.1266, 91.2869

Protanopia

88.0620, -24.1876, 11.3466

Deuteranopia

84.5680, -41.6920, 25.8119



Tritanopia

71.0240, -22.6898, 91.1870

Trichromacy



Original Color

70.9100, -23.1266, 91.2869

Protanomaly

82.0640, -23.6956, 40.2859

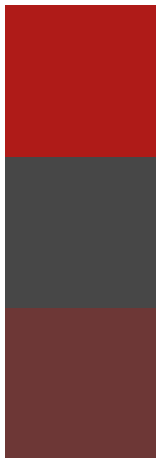
Deuteranomaly

79.8450, -34.9266, 49.2479

Tritanomaly

71.0240, -22.6898, 91.1870

Monochromacy



Original Color

70.9100, -23.1266, 91.2869

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0320, -8.3968, 33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9100, -23.1266, 91.2869 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(175, 27, 24)` looks like.

```
.text, #text, p{  
    color:rgb(175, 27, 24)  
}
```

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(175, 27, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 27, 24) }
```

Border

The CSS property to change the border of an element to YUV 70.9100, -23.1266, 91.2869 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(175, 27, 24) }
```


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

```
.border{ border-color:rgb(175, 27, 24) }
```

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

Here you see how a box with a 4 pixel rgb(175, 27, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 27, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 27, 24);  
box-shadow:4px 4px 4px 4px rgb(175, 27,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 70.9100, -23.1266, 91.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 27, 24) }
```

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

```
.background{ background-color: rgb(175, 27,  
24) }
```

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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