

Converting Colors

YUV(71.1870, 20.1208, 33.1620)

Have a look what the booklet for
YUV(71.1870, 20.1208, 33.1620)
contains.

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Color

**YUV(71.1870, 20.1208,
33.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2C70
RGB	109, 44, 112
RGB Percent	43%, 17%, 44%
CMY	0.5725, 0.8275, 0.5608
CMYK	0.03, 0.61, 0.00, 0.56
HSL	297°, 44%, 31%
HSV	297°, 61%, 44%
XYZ	10.1320, 6.2224, 15.9963
YIQ	71.1870, 16.9120, 34.9280

Conversions

Conversions Part 2

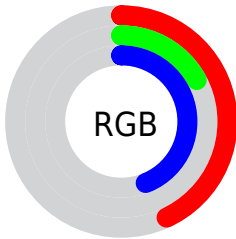
Format	Color
R_{YB}	109, 44, 112
Decimal	7154800
CIE _{Lab}	29.97, 38.94, -26.28
CIE _{LCh}	30, 46.981, 325.989
Yxy	6.2224, 0.3132, 0.1923
Android (android.graphics.Color)	4285344880 (0xFF6D2C70)
YUV	71.1870, 20.1208, 33.1620
Hunter-Lab	24.9448, 28.8491, -20.5594

Details

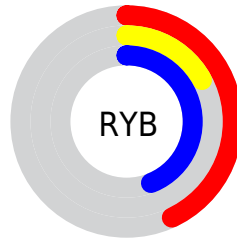
The YUV color **71.1870, 20.1208, 33.1620** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.8130, -20.1208, -33.1620**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3120, 20.5522, 34.8064**, and **24.9370, 19.2581, 29.8733** is the 20% darker color. If you saturate the color by 10%, you get **64.7300, 23.3041, 38.8248**, and if you desaturate by 10%, it is **77.6440, 16.9375, 27.4992**.

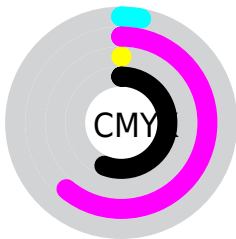
Distribution



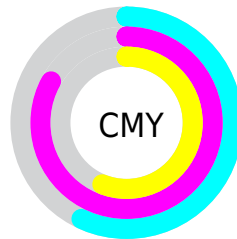
- Red (43%)
- Green (17%)
- Blue (44%)



- Red (43%)
- Yellow (17%)
- Blue (44%)



- Cyan (3%)
- Magenta (61%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1870, 20.1208, 33.1620 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 71.1870, 20.1208, 33.1620 by changing the saturation by 10% instead.

71.1870, 20.1208,
33.1620

71.1870, 20.1208,
33.1620

255.0000, 0.0000,
0.0000

45.3010, 20.5576,
33.0620

122.3120, 20.5522,
34.8064

24.9370, 19.2581,
29.8733

149.0240, 20.6942,
35.9360

16.4490, 12.5966,
19.7772

176.1490, 21.1255,
37.5803

2.7530, 8.0098,
-2.4144

203.9750, 21.7043,
38.6099

0.0000, 0.0000,
0.0000

223.3020, 15.6271,
27.7991

239.7380, 7.5242,

13.3848

■ 71.1870, 20.1208,
33.1620

■ 71.1870, 20.1208,
33.1620

■ 64.7300, 23.3041,
38.8248

■ 77.6440, 16.9375,
27.4992

■ 57.9740, 26.6348,
43.8728

■ 84.4000, 13.6068,
22.4512

■ 50.9300, 30.1075,
50.0504

■ 91.4440, 10.1341,
16.2736

■ 44.7610, 33.1488,
54.5836

■ 98.2000, 6.8034,
11.2256

■ 104.6570, 3.6201,
5.5628

■ 111.4130, 0.2894,
0.5148

■ 117.8700, -2.8939,
-5.1480

■ 125.2130, -6.5140,
-10.7108

■ 131.6700, -9.6973,
-16.3736

Harmonies

Analogous

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



69.6420, 33.2075, -11.0870



71.1870, 20.1208, 33.1620



64.3830, 6.2202, 58.4231

Triad

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



71.1870, 20.1208, 33.1620



66.5380, -32.8032, 21.4532



62.6970, 19.3764, -54.9853

Complementary

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



71.1870, 20.1208, 33.1620



84.8130, -20.1208, -33.1620

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.



57.7780, 3.0674, -50.6713



71.1870, 20.1208, 33.1620



62.5300, -30.8273, -5.7268

Square

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



71.1870, 20.1208, 33.1620



66.0770, -30.1110, 44.6595



52.2720, -12.9521, -45.8425



64.2420, 32.9117, -56.3402

Rectangle

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



71.1870, 20.1208, 33.1620



63.1310, -4.9946, 62.1521



52.2720, -12.9521, -45.8425



61.3290, 14.1348, -53.7855

Sweetspot

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



71.1870, 20.1208, 33.1620



129.4390, 7.6716, 12.7700



53.5130, 28.8341, -8.3429



64.3090, 4.7777, 7.6220



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



71.1870, 20.1208, 33.1620



81.5820, 31.2651, 52.1096



68.5500, 6.1379, 38.1057



52.4780, 1.7363, 3.0888



48.0650, 35.4640, 58.7020



98.7220, 73.1011, 120.3928

Inverse Universe

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



64.6740, -8.7133, 41.5049



71.2640, -13.4412, 64.6665



87.4500, -6.1379, -38.1057



51.9080, -0.4476, 3.5887



36.4500, -15.5048, 73.2734



75.1070, -31.6048, 150.7502

Previews

White Background



This preview shows how the YUV color 71.1870, 20.1208, 33.1620 looks on a white background.

Color Contrast Check

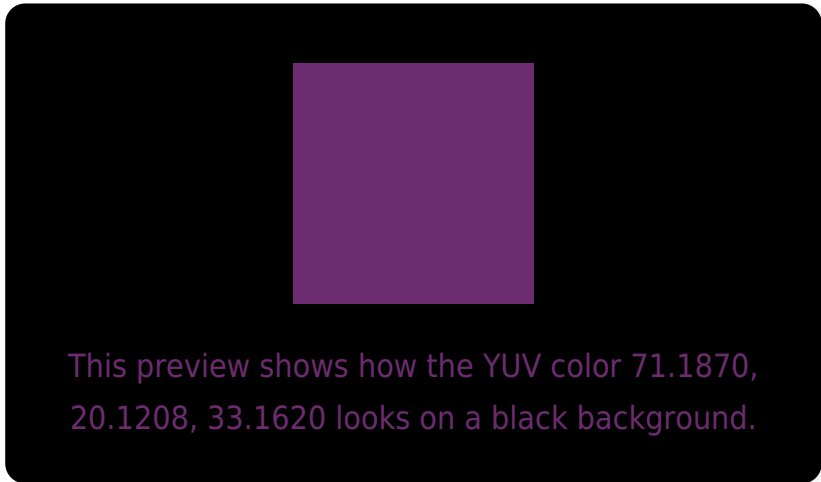
Large Text (above 18pt) WCAG AA ✓ Pass

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

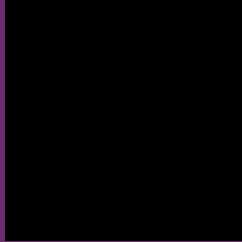
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.1870, 20.1208, 33.1620

Background



This preview shows how black text looks on a background with the YUV color 71.1870, 20.1208, 33.1620.



This preview shows how white text looks on a background with the YUV color 71.1870, 20.1208,

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

71.1870, 20.1208, 33.1620

Protanopia

66.3580, 33.8405, -27.5010

Deuteranopia

70.3200, 18.0832, -13.4356



Tritanopia

71.9110, -4.8861, 27.2651

Trichromacy



Original Color

71.1870, 20.1208, 33.1620

Protanomaly

68.2360, 28.9707, -5.4690

Deuteranomaly

70.6580, 18.9026, 3.8079

Tritanomaly

71.6260, 4.1284, 29.2690

Monochromacy



Original Color

71.1870, 20.1208, 33.1620

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1870, 20.1208, 33.1620 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(109, 44, 112)` looks like.

```
.text, #text, p{  
    color:rgb(109, 44, 112)  
}
```

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(109, 44, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 44, 112) }
```

Border

The CSS property to change the border of an element to YUV 71.1870, 20.1208, 33.1620 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(109, 44, 112) }
```


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

```
.border{ border-color:rgb(109, 44, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 44, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 44, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 44, 112);  
box-shadow:4px 4px 4px 4px rgb(109, 44,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 71.1870, 20.1208, 33.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 44, 112) }
```

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

```
.background{ background-color: rgb(109, 44,  
112) }
```

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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