

Converting Colors

YUV(102.7920, 29.1895,
17.7224)

Have a look what the booklet for
YUV(102.7920, 29.1895, 17.7224)
contains.

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Color

**YUV(102.7920, 29.1895,
17.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	7B51A2
RGB	123, 81, 162
RGB Percent	48%, 32%, 64%
CMY	0.5176, 0.6824, 0.3647
CMYK	0.24, 0.50, 0.00, 0.36
HSL	271°, 33%, 48%
HSV	271°, 50%, 64%
XYZ	17.6324, 12.7044, 35.7053
YIQ	102.7920, -0.9690, 34.0950

Conversions

Conversions Part 2

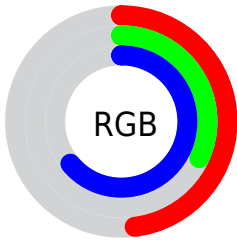
Format	Color
R_{YB}	123, 81, 162
Decimal	8081826
CIE _{Lab}	42.31, 33.81, -37.38
CIE _{LCh}	42, 50.398, 312.131
Yxy	12.7044, 0.2670, 0.1924
Android (android.graphics.Color)	4286271906 (0xFF7B51A2)
YUV	102.7920, 29.1895, 17.7224
Hunter-Lab	35.6433, 25.9265, -34.4428

Details

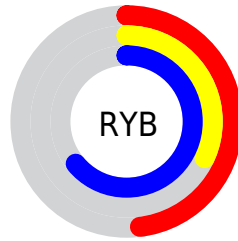
The YUV color **102.7920, 29.1895, 17.7224** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **140.2080, -29.1895, -17.7224**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5580, 30.7839, 19.6816**, and **53.7270, 27.7426, 15.1484** is the 20% darker color. If you saturate the color by 10%, you get **91.0080, 34.9991, 21.0410**, and if you desaturate by 10%, it is **114.5760, 23.3800, 14.4038**.

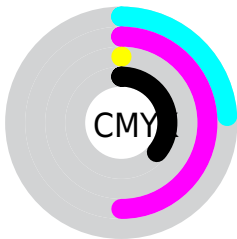
Distribution



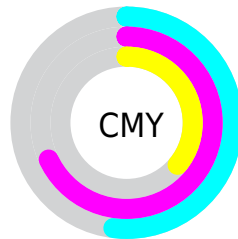
- Red (48%)
- Green (32%)
- Blue (64%)



- Red (48%)
- Yellow (32%)
- Blue (64%)



- Cyan (24%)
- Magenta (50%)
- Yellow (0%)
- Black (36%)



- Cyan (52%)
- Magenta (68%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.7920, 29.1895, 17.7224 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 102.7920, 29.1895, 17.7224 by changing the saturation by 10% instead.

■ 102.7920, 29.1895,
17.7224

■ 102.7920, 29.1895,
17.7224

■ 255.0000, 0.0000,
0.0000

■ 77.8520, 28.1740,
16.7928

■ 154.5580, 30.7839,
19.6816

■ 53.7270, 27.7426,
15.1484

■ 182.0850, 31.5101,
20.0965

■ 29.3140, 27.4532,
14.6336

■ 207.6310, 23.3529,
23.1256

■ 14.1300, 23.1069,
8.6560

■ 230.3460, 12.1544,
21.6216

■ 5.6200, 16.4563,
-4.9287

■ 247.3690, 3.7621,
6.6924

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 102.7920, 29.1895,
17.7224

■ 102.7920, 29.1895,
17.7224

■ 91.0080, 34.9991,
21.0410

■ 114.5760, 23.3800,
14.4038

■ 79.2240, 40.8086,
24.3596

■ 126.3600, 17.5705,
11.0853

■ 67.1520, 46.7601,
28.8077

■ 138.4320, 11.6190,
6.6371

■ 55.3680, 52.5696,
32.1263

■ 150.2160, 5.8095,
3.3186

■ 43.5840, 58.3791,
35.4448

■ 162.0000, 0.0000,
0.0000

■ 173.7840, -5.8095,
-3.3186

■ 185.5680,
-11.6190, -6.6371

■ 197.6400,
-17.5705, -11.0853

■ 209.4240,
-23.3800, -14.4038

Harmonies

Analogous

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



90.2230, 45.2461, -45.7996



102.7920, 29.1895, 17.7224



99.7830, 12.9250, 54.5643

Triad

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



102.7920, 29.1895, 17.7224



95.2430, -42.0248, 39.2519



83.0770, 16.2310, -72.8585

Complementary

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



102.7920, 29.1895, 17.7224



140.2080, -29.1895, -17.7224

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.



77.5880, -2.2619, -68.0447



102.7920, 29.1895, 17.7224



91.5570, -45.1376, 10.9125

Square

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



102.7920, 29.1895, 17.7224



96.2560, -24.7762, 60.2885



87.0220, -27.1258, -26.3293



86.9360, 33.5556, -76.2429

Rectangle

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



102.7920, 29.1895, 17.7224



96.4720, 1.2463, 67.1151



87.0220, -27.1258, -26.3293



81.4810, 10.1159, -71.4588

Sweetspot

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



102.7920, 29.1895, 17.7224



188.4320, 11.6190, 6.6371



113.1270, 24.0944, -28.1754



93.1560, 6.8251, 4.2482



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.



102.7920, 29.1895, 17.7224



119.2120, 45.7445, 27.8781



114.3390, 23.0039, 41.7987



75.5210, 3.1941, 2.1741



38.9550, 52.2802, 31.6115



4.7430, 6.5357, 3.7334

Inverse Universe

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



109.6650, 5.0952, 45.8978



129.9270, 7.9240, 71.9780



128.6610, -23.0039, -41.7987



76.1470, 0.4205, 5.1331



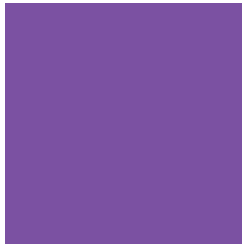
51.3350, 9.2018, 82.1442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 102.7920, 29.1895, 17.7224 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



This preview shows how the YUV color 102.7920, 29.1895, 17.7224 looks on a 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 102.7920, 29.1895, 17.7224

Background



This preview shows how black text looks on a background with the YUV color 102.7920, 29.1895, 17.7224.



This preview shows how white text looks on a background with the YUV color 102.7920, 29.1895, 17.7224.

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

102.7920, 29.1895, 17.7224

Protanopia

96.6550, 40.1031, -29.5154

Deuteranopia

97.0440, 30.0513, -25.4716



Tritanopia

101.2940, 0.8411, 10.2662

Trichromacy



Original Color

102.7920, 29.1895, 17.7224

Protanomaly

99.0270, 35.9757, -12.3017

Deuteranomaly

99.0290, 29.5657, -9.6724

Tritanomaly

101.9490, 10.8711, 13.1997

Monochromacy



Original Color

102.7920, 29.1895, 17.7224

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7910, 10.4560, 6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7920, 29.1895, 17.7224 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(123, 81, 162)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 162)  
}
```

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(123, 81, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 162) }
```

Border

The CSS property to change the border of an element to YUV 102.7920, 29.1895, 17.7224 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(123, 81, 162) }
```


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

```
.border{ border-color:rgb(123, 81, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 162);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 102.7920, 29.1895, 17.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 162) }
```

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

```
.background{ background-color: rgb(123, 81,  
162) }
```

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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