

Converting Colors

YUV(102.4320, 18.5210,
32.9471)

Have a look what the booklet for
YUV(102.4320, 18.5210, 32.9471)
contains.

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Color

**YUV(102.4320, 18.5210,
32.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4C8C
RGB	140, 76, 140
RGB Percent	55%, 30%, 55%
CMY	0.4510, 0.7020, 0.4510
CMYK	0.00, 0.46, 0.00, 0.45
HSL	300°, 30%, 42%
HSV	300°, 46%, 55%
XYZ	18.1333, 12.6378, 26.2945
YIQ	102.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

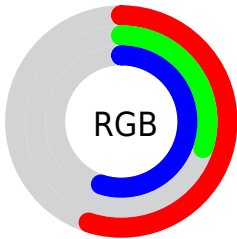
Format	Color
R_{YB}	140, 76, 140
Decimal	9194636
CIE _{Lab}	42.21, 36.92, -24.18
CIE _{LCh}	42, 44.137, 326.780
Yxy	12.6378, 0.3178, 0.2215
Android (android.graphics.Color)	4287384716 (0xFF8C4C8C)
YUV	102.4320, 18.5210, 32.9471
Hunter-Lab	35.5497, 28.8379, -18.9695

Details

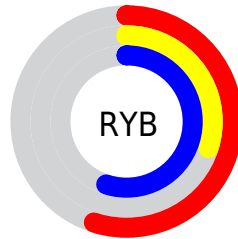
The YUV color **102.4320, 18.5210, 32.9471** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113.5680, -18.5210, -32.9471**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9700, 19.2418, 35.1063**, and **52.4210, 18.5264, 31.2028** is the 20% darker color. If you saturate the color by 10%, you get **94.2140, 22.5725, 40.1543**, and if you desaturate by 10%, it is **110.6500, 14.4695, 25.7399**.

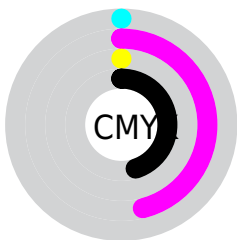
Distribution



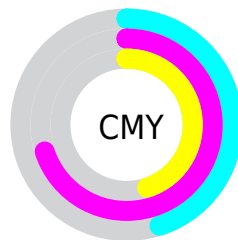
- Red (55%)
- Green (30%)
- Blue (55%)



- Red (55%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.4320, 18.5210, 32.9471 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 102.4320, 18.5210, 32.9471 by changing the saturation by 10% instead.

■ 102.4320, 18.5210,
32.9471

■ 102.4320, 18.5210,
32.9471

■ 255.0000, 0.0000,
0.0000

■ 77.0190, 18.2316,
32.4323

■ 154.9700, 19.2418,
35.1063

■ 52.4210, 18.5264,
31.2028

■ 182.3830, 19.5312,
35.6211

■ 26.3610, 19.5420,
32.1324

■ 210.0950, 19.6732,
36.7507

■ 17.2750, 13.1754,
20.8068

■ 227.9980, 13.3120,
23.6808

■ 2.5080, 9.6096,
-2.1995

■ 244.4340, 5.2090,
9.2664

■ 0.0000, 0.0000,
0.0000

102.4320, 18.5210,
32.9471

102.4320, 18.5210,
32.9471

94.2140, 22.5725,
40.1543

110.6500, 14.4695,
25.7399

85.9960, 26.6240,
47.3615

118.8680, 10.4181,
18.5328

77.7780, 30.6754,
54.5687

127.0860, 6.3666,
11.3256

69.5600, 34.7269,
61.7759

135.3040, 2.3151,
4.1184

61.3420, 38.7784,
68.9831

143.5220, -1.7363,
-3.0888


57.8200, 40.5147,
72.0719

151.7400, -5.7878,
-10.2960

159.9580, -9.8393,
-17.5032

168.1760,

-13.8908, -24.7104

 176.3940,
-17.9422, -31.9175

Harmonies

Analogous

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



100.6210, 31.7388, -6.6836



102.4320, 18.5210, 32.9471



99.4490, 2.7366, 55.7342

Triad

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



102.4320, 18.5210, 32.9471



95.1100, -37.0292, 23.5825



83.6130, 23.3618, -73.3286

Complementary

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



102.4320, 18.5210, 32.9471



113.5680, -18.5210, -32.9471

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.



79.3950, 7.2003, -69.6294



102.4320, 18.5210, 32.9471



92.1280, -31.1221, -4.4973

Square

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



102.4320, 18.5210, 32.9471



97.0170, -29.0954, 45.5891



83.9950, -12.8155, -42.9686



84.5710, 37.1865, -74.1688

Rectangle

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



102.4320, 18.5210, 32.9471



97.6100, -8.1887, 59.9780



83.9950, -12.8155, -42.9686



82.3590, 18.5570, -72.2288

Sweetspot

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



102.4320, 18.5210, 32.9471



166.3250, 7.2348, 12.8700



83.2960, 27.9551, -6.3986



82.6080, 4.6303, 8.2368



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



102.4320, 18.5210, 32.9471



122.3000, 28.9391, 51.4799



98.7840, 4.5435, 36.1464



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



102.4320, 18.5210, 32.9471



122.3000, 28.9391, 51.4799



117.2160, -4.5435, -36.1464



64.8910, 2.0257, 3.6036



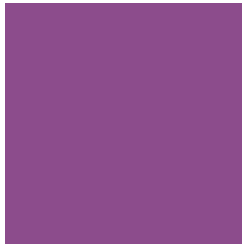
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 102.4320, 18.5210, 32.9471 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 102.4320, 18.5210, 32.9471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

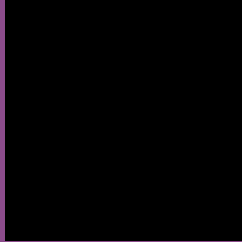
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.4320, 18.5210, 32.9471

Background



This preview shows how black text looks on a background with the YUV color 102.4320, 18.5210, 32.9471.



This preview shows how white text looks on a background with the YUV color 102.4320, 18.5210,

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

102.4320, 18.5210, 32.9471

Protanopia

98.8600, 29.1560, -18.2942

Deuteranopia

100.5270, 17.4882, -9.2322



Tritanopia

101.7370, -4.3073, 28.2947

Trichromacy



Original Color

102.4320, 18.5210, 32.9471

Protanomaly

100.2430, 25.0232, 0.6639

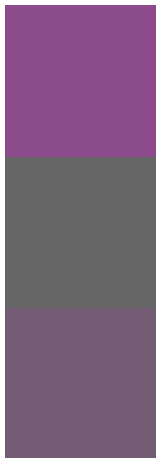
Deuteranomaly

101.3270, 17.5868, 5.8522

Tritanomaly

101.9250, 3.9810, 29.8838

Monochromacy



Original Color

102.4320, 18.5210, 32.9471

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.4990, 6.6560, 11.8404

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4320, 18.5210, 32.9471 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(140, 76, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 140)  
}
```

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(140, 76, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 140) }
```

Border

The CSS property to change the border of an element to YUV 102.4320, 18.5210, 32.9471 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(140, 76, 140) }
```


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

```
.border{ border-color:rgb(140, 76, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 76, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 102.4320, 18.5210, 32.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 140) }
```

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

```
.background{ background-color: rgb(140, 76,  
140) }
```

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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