

Converting Colors

XYZ(26.3522, 19.7792, 31.9869)

Have a look what the booklet for
XYZ(26.3522, 19.7792, 31.9869)
contains.

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Color

**XYZ(26.4696, 19.8992,
32.1516)**

Conversions

Conversions Part 1

Format	Color
Hex	A86598
RGB	168, 101, 152
RGB Percent	66%, 40%, 60%
CMY	0.3412, 0.6039, 0.4039
CMYK	0.00, 0.40, 0.10, 0.34
HSL	314°, 28%, 53%
HSV	314°, 40%, 66%
XYZ	26.4696, 19.8992, 32.1516
YIQ	126.8470, 23.5610, 30.0650

Conversions

Conversions Part 2

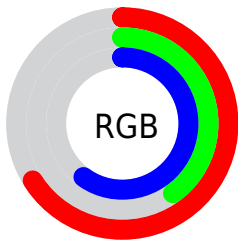
Format	Color
R_{YB}	168, 101, 152
Decimal	11036056
CIE _{Lab}	51.72, 34.61, -16.42
CIE _{LCh}	52, 38.304, 334.621
Yxy	19.8992, 0.3371, 0.2534
Android (android.graphics.Color)	4289226136 (0xFFA86598)
YUV	126.8470, 12.4004, 36.0912
Hunter-Lab	44.6085, 27.8526, -11.5073

Details

The XYZ color **26.4696, 19.8992, 32.1516** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.5812, 32.0569, 21.8284**, and the grayscale version is **20.0741, 21.1195, 22.9991**.

A 20% lighter version of the original color is **53.2723, 43.0860, 63.9012**, and **10.5164, 6.9730, 13.1036** is the 20% darker color. If you saturate the color by 10%, you get **24.6792, 16.8350, 29.9609**, and if you desaturate by 10%, it is **28.6058, 23.6365, 34.5128**.

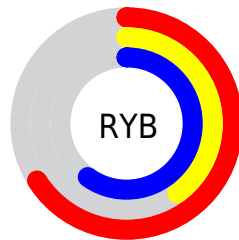
Distribution



Red (66%)

Green (40%)

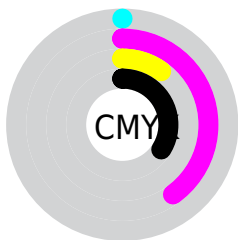
Blue (60%)



Red (66%)

Yellow (40%)

Blue (60%)

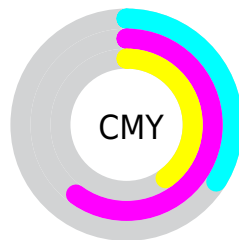


Cyan (0%)

Magenta (40%)

Yellow (10%)

Black (34%)



Cyan (34%)


Magenta (60%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4696, 19.8992, 32.1516 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 XYZ color 26.4696, 19.8992, 32.1516 by changing the saturation by 10% instead.

 26.4696, 19.8992,
32.1516


 26.4696, 19.8992,
32.1516


277.2944,
251.3689, 326.3232


 17.3098, 12.3218,
21.2115


 53.4575, 43.2481,
64.1493


 10.5523, 6.9632,
13.0860


 72.0163, 59.7884,
86.0441

 5.8317, 3.4391,
7.3564


 94.4388, 80.0851,
112.4275

 2.7827, 1.3651,
3.6041

 121.0903,
104.5227, 143.7181

 1.0399, 0.1908,
1.4108

152.3363,
133.4854, 180.3345

 0.0000, 0.0000,
0.1501

188.5421,

 0.0000, 0.0000,

167.3578, 222.6951

0.0000

230.0730,
206.5242, 271.2185

■ 26.4696, 19.8992,
32.1516

■ 26.4696, 19.8992,
32.1516

■ 24.6792, 16.8350,
29.9609

■ 28.6058, 23.6365,
34.5128

■ 23.2121, 14.4003,
27.9322

■ 31.1048, 28.0816,
37.0500

■ 22.0462, 12.5505,
26.0576

■ 33.9846, 33.2702,
39.7702

■ 21.1555, 11.2340,
24.3280

■ 37.2615, 39.2347,
42.6790

■ 20.5098, 10.3902,
22.7327

■ 40.9508, 46.0057,
45.7823

■ 20.0423, 9.8859,
21.2489

■ 45.0671, 53.6118,
49.0853

■ 20.0369, 9.8802,
21.2313

■ 49.6240, 62.0807,
52.5932

■ 54.6349, 71.4384,
56.3107

■ 60.1123, 81.7100,
60.2426

Harmonies

Analogous

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



23.4669, 19.8992, 44.3782



26.4696, 19.8992, 32.1516



27.3479, 19.8992, 19.9941

Triad

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



26.4696, 19.8992, 32.1516



18.3201, 19.8992, 6.6050



13.4242, 19.8992, 36.1798

Complementary

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



26.4696, 19.8992, 32.1516



22.5812, 32.0569, 21.8284

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.



12.4206, 19.8992, 23.4304



26.4696, 19.8992, 32.1516



14.9910, 19.8992, 8.4300

Square

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



26.4696, 19.8992, 32.1516



22.2877, 19.8992, 7.5473



12.9526, 19.8992, 13.7522



15.8985, 19.8992, 47.2066

Rectangle

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



26.4696, 19.8992, 32.1516



26.5218, 19.8992, 13.9421



12.9526, 19.8992, 13.7522



12.9203, 19.8992, 31.8198

Sweetspot

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



26.4702, 19.9001, 32.1520



60.3824, 58.0444, 70.9821



19.0094, 15.8922, 39.1117



13.0170, 12.3916, 15.3370



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.4702, 19.9001, 32.1520



45.0808, 31.0517, 54.7514



24.1246, 18.9619, 19.8003



7.7642, 7.6355, 9.0753



15.1516, 7.4694, 16.1419



0.3867, 0.1890, 0.4880

Inverse Universe

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



26.4702, 19.9001, 32.1520



45.0808, 31.0517, 54.7514



24.8859, 32.9788, 33.9651



7.7642, 7.6355, 9.0753



15.1516, 7.4694, 16.1419



0.3867, 0.1890, 0.4880

Previews

White Background



This preview shows how the XYZ color 26.4696, 19.8992, 32.1516 looks on a white background.

Color Contrast Check

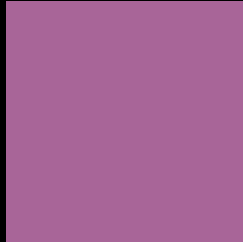
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.4696, 19.8992, 32.1516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

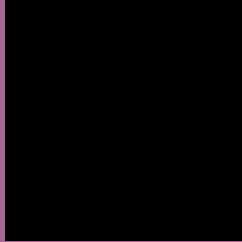
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4696, 19.8992, 32.1516

Background



This preview shows how black text looks on a background with the XYZ color 26.4696, 19.8992, 32.1516.



This preview shows how white text looks on a background with the XYZ color 26.4696, 19.8992,

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

26.4696, 19.8992, 32.1516

Protanopia

20.4901, 20.0886, 39.3568

Deuteranopia

20.4948, 20.0979, 30.8161



Tritanopia

23.8248, 19.8786, 19.1042

Trichromacy



Original Color

26.4696, 19.8992, 32.1516

Protanomaly

22.0546, 19.5488, 36.7933

Deuteranomaly

22.2573, 19.7800, 31.0786

Tritanomaly

24.5311, 19.6875, 23.2760

Monochromacy



Original Color

26.4696, 19.8992, 32.1516

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.0777, 20.4852, 26.0830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4696, 19.8992, 32.1516 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(168, 101, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 152)  
}
```

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(168, 101, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.4696, 19.8992, 32.1516 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(168, 101, 152) }
```


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

```
.border{ border-color:rgb(168, 101, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4696, 19.8992, 32.1516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 152) }
```

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

```
.background{ background-color: rgb(168,  
101, 152) }
```

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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