

Converting Colors

XYZ(25.7985, 19.9911, 27.6642)

Have a look what the booklet for
XYZ(25.7985, 19.9911, 27.6642)
contains.

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Color

**XYZ(25.8064, 19.9484,
27.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	A8678D
RGB	168, 103, 141
RGB Percent	66%, 40%, 55%
CMY	0.3412, 0.5961, 0.4471
CMYK	0.00, 0.39, 0.16, 0.34
HSL	325°, 27%, 53%
HSV	325°, 39%, 66%
XYZ	25.8064, 19.9484, 27.6896
YIQ	126.7670, 26.5420, 25.5980

Conversions

Conversions Part 2

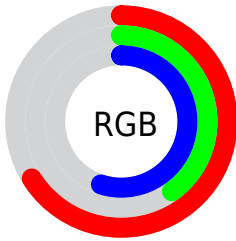
Format	Color
R_{YB}	168, 103, 141
Decimal	11036557
CIE _{Lab}	51.78, 31.62, -9.85
CIE _{LCh}	52, 33.116, 342.694
Yxy	19.9484, 0.3514, 0.2716
Android (android.graphics.Color)	4289226637 (0xFFA8678D)
YUV	126.7670, 7.0169, 36.1613
Hunter-Lab	44.6636, 24.9750, -5.4928

Details

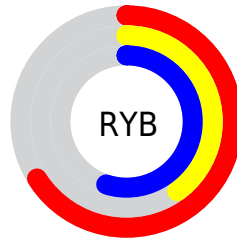
The XYZ color **25.8064, 19.9484, 27.6896** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6263, 32.5011, 26.1486**, and the grayscale version is **20.0638, 21.1087, 22.9873**.

A 20% lighter version of the original color is **52.3121, 43.2301, 57.2169**, and **10.1469, 6.9711, 10.7083** is the 20% darker color. If you saturate the color by 10%, you get **23.7973, 16.7350, 24.5382**, and if you desaturate by 10%, it is **28.1852, 23.8483, 31.1261**.

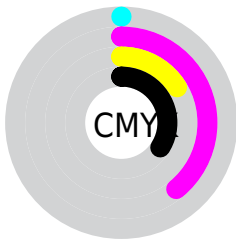
Distribution



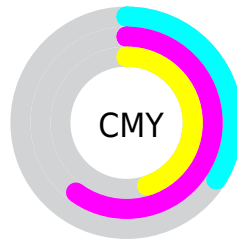
- Red (66%)
- Green (40%)
- Blue (55%)



- Red (66%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8064, 19.9484, 27.6896 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 25.8064, 19.9484, 27.6896 by changing the saturation by 10% instead.


 25.8064, 19.9484,
27.6896


 25.8064, 19.9484,
27.6896


274.1046,
251.6356, 304.8459

 16.8108, 12.3575,
17.8548


 52.3960, 43.3307,
57.0056


 10.1941, 6.9877,
10.6774


 70.7207, 59.8908,
77.3239

 5.5911, 3.4544,
5.7389

 92.8857, 80.2096,
101.9738

 2.6364, 1.3733,
2.6208

 119.2566,
104.6713, 131.3738

 0.9645, 0.1969,
0.9032

150.1985,
133.6604, 165.9425

 0.0000, 0.0000,
0.0000

186.0769,

167.5612, 206.0983

227.2572,
206.7581, 252.2600

■ 25.8064, 19.9484,
27.6896

■ 25.8064, 19.9484,
27.6896

■ 23.7973, 16.7350,
24.5382

■ 28.1852, 23.8483,
31.1261

■ 22.1352, 14.1644,
21.6607

■ 30.9510, 28.4691,
34.8558

■ 20.7977, 12.1928,
19.0470

■ 34.1221, 33.8464,
38.8877


■ 19.7590, 10.7690,
16.6852

■ 37.7152, 40.0125,
43.2302


■ 18.9886, 9.8336,
14.5620


■ 41.7459, 46.9979,
47.8910

 18.4307, 9.2760,
12.6555

 46.2291, 54.8314,
52.8778

 18.3632, 9.2107,
12.4179

 51.1789, 63.5405,
58.1978

 56.6087, 73.1513,
63.8581

 62.5317, 83.6890,
69.8653

Harmonies

Analogous

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



23.6771, 19.9484, 38.3156



25.8064, 19.9484, 27.6896



25.9717, 19.9484, 17.9101

Triad

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



25.8064, 19.9484, 27.6896



17.5785, 19.9484, 8.2273



14.6052, 19.9484, 36.8019

Complementary

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



25.8064, 19.9484, 27.6896



23.6263, 32.5011, 26.1486

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.



13.3402, 19.9484, 26.0361



25.8064, 19.9484, 27.6896



14.9157, 19.9484, 10.7789

Square

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



25.8064, 19.9484, 27.6896



20.9438, 19.9484, 8.4303



13.4467, 19.9484, 16.6774



17.1063, 19.9484, 44.5502

Rectangle

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



25.8064, 19.9484, 27.6896



24.9206, 19.9484, 13.1950



13.4467, 19.9484, 16.6774



14.0353, 19.9484, 33.2994

Sweetspot

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



25.8070, 19.9493, 27.6900



59.8007, 57.8117, 67.9192



20.9723, 17.1958, 39.2598



12.8782, 12.3360, 14.6063



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.



25.8070, 19.9493, 27.6900



43.8072, 31.3532, 45.5444



23.7867, 19.1412, 17.0515



7.7081, 7.6131, 8.7800



13.8930, 6.9659, 9.5142



0.3626, 0.1793, 0.3609

Inverse Universe

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



25.8070, 19.9493, 27.6900



43.8072, 31.3532, 45.5444



26.0740, 33.4802, 39.0383



7.7081, 7.6131, 8.7800



13.8930, 6.9659, 9.5142



0.3626, 0.1793, 0.3609

Previews

White Background



This preview shows how the XYZ color 25.8064, 19.9484, 27.6896 looks on a white background.

Color Contrast Check

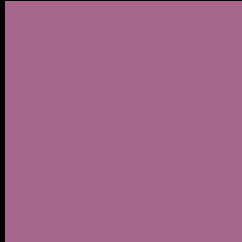
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8064, 19.9484, 27.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

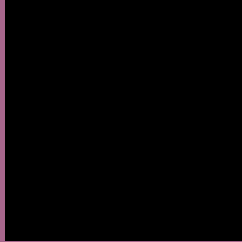
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8064, 19.9484, 27.6896

Background



This preview shows how black text looks on a background with the XYZ color 25.8064, 19.9484, 27.6896.



This preview shows how white text looks on a background with the XYZ color 25.8064, 19.9484,

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

25.8064, 19.9484, 27.6896

Protanopia

20.1182, 20.2120, 33.4128

Deuteranopia

20.4781, 20.1768, 26.8600



Tritanopia

24.0320, 19.9854, 19.1139

Trichromacy



Original Color

25.8064, 19.9484, 27.6896

Protanomaly

21.6619, 19.8116, 31.1161

Deuteranomaly

22.0052, 19.7383, 27.0762

Tritanomaly

24.5816, 19.8957, 21.9467

Monochromacy



Original Color

25.8064, 19.9484, 27.6896

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.7986, 20.3736, 24.6134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8064, 19.9484, 27.6896 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, 103, 141)` looks like.

```
.text, #text, p{  
    color:rgb(168, 103, 141)  
}
```

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, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 103, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.8064, 19.9484, 27.6896 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, 103, 141) }
```


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

```
.border{ border-color:rgb(168, 103, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 103, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 103, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 103, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 103,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8064, 19.9484, 27.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 103, 141) }
```

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

```
.background{ background-color: rgb(168,  
103, 141) }
```

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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