

Converting Colors

XYZ(24.2863, 19.0905, 27.0711)

Have a look what the booklet for
XYZ(24.2863, 19.0905, 27.0711)
contains.

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Color

**XYZ(24.1829, 18.9733,
27.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	A1668C
RGB	161, 102, 140
RGB Percent	63%, 40%, 55%
CMY	0.3686, 0.6000, 0.4510
CMYK	0.00, 0.37, 0.13, 0.37
HSL	321°, 24%, 52%
HSV	321°, 37%, 63%
XYZ	24.1829, 18.9733, 27.1986
YIQ	123.9730, 22.9660, 24.3260

Conversions

Conversions Part 2

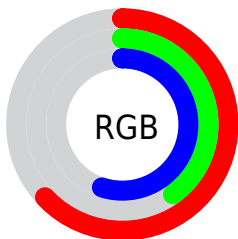
Format	Color
RYB	161, 102, 140
Decimal	10577548
CIELab	50.66, 29.52, -11.03
CIElCh	51, 31.515, 339.506
Yxy	18.9733, 0.3437, 0.2697
Android (android.graphics.Color)	4288767628 (0xFFA1668C)
YUV	123.9730, 7.9013, 32.4727
Hunter-Lab	43.5584, 22.8732, -6.5309

Details

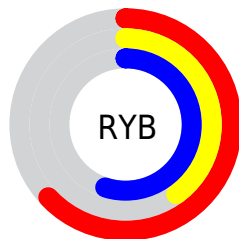
The XYZ color **24.1829, 18.9733, 27.1986** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8003, 29.7450, 23.3326**, and the grayscale version is **19.1189, 20.1146, 21.9048**.

A 20% lighter version of the original color is **49.9085, 41.7580, 56.4686**, and **9.3029, 6.4725, 10.4319** is the 20% darker color. If you saturate the color by 10%, you get **22.3401, 15.9462, 24.5536**, and if you desaturate by 10%, it is **26.3562, 22.6255, 30.0628**.

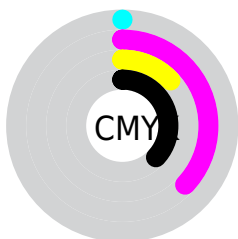
Distribution



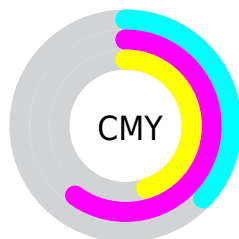
- Red (63%)
- Green (40%)
- Blue (55%)



- Red (63%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (13%)
- Black (37%)




- Cyan (37%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1829, 18.9733, 27.1986 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 24.1829, 18.9733, 27.1986 by changing the saturation by 10% instead.


 24.1829, 18.9733,
27.1986

 24.1829, 18.9733,
27.1986


266.1672,
246.3013, 302.4080


 15.5948, 11.6510,
17.4887


 49.7810, 41.6890,
56.2100


 9.3269, 6.5065,
10.4179


 67.5217, 57.8511,
76.3486

 5.0138, 3.1554,
5.5677


 89.0441, 77.7287,
100.8004

 2.2902, 1.2134,
2.5195

 114.7134,
101.7060, 129.9841

 0.7897, 0.0726,
0.8505

144.8950,
130.1676, 164.3181

 0.0000, 0.0000,
0.0000

179.9542,

163.4977, 204.2211

220.2565,
202.0808, 250.1115

■ 24.1829, 18.9733,
27.1986

■ 24.1829, 18.9733,
27.1986

■ 22.3401, 15.9462,
24.5536

■ 26.3562, 22.6255,
30.0628

■ 20.8078, 13.5057,
22.1188

■ 28.8749, 26.9333,
33.1522

■ 19.5666, 11.6133,
19.8864

■ 31.7553, 31.9280,
36.4738

■ 18.5940, 10.2243,
17.8470

■ 35.0119, 37.6384,
40.0342

■ 17.8639, 9.2875,
15.9904

■ 38.6585, 44.0916,
43.8394

■ 17.3382, 8.7270,
14.3018

■ 42.7082, 51.3132,
47.8952

■ 17.1811, 8.5703,
13.7636

■ 47.1733, 59.3277,
52.2072

■ 52.0659, 68.1583,
56.7809

■ 57.3973, 77.8274,
61.6213

Harmonies

Analogous

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



22.0782, 18.9733, 36.7417



24.1829, 18.9733, 27.1986



24.5423, 18.9733, 17.9772

Triad

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



24.1829, 18.9733, 27.1986



17.0712, 18.9733, 8.0215



13.8315, 18.9733, 33.4660

Complementary

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



24.1829, 18.9733, 27.1986



21.8003, 29.7450, 23.3326

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.



12.7911, 18.9733, 23.5944



24.1829, 18.9733, 27.1986



14.5158, 18.9733, 10.1245

Square

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



24.1829, 18.9733, 27.1986



20.1920, 18.9733, 8.4782



13.0265, 18.9733, 15.2614



16.0346, 18.9733, 41.0176

Rectangle

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



24.1829, 18.9733, 27.1986



23.7069, 18.9733, 13.3680



13.0265, 18.9733, 15.2614



13.3463, 18.9733, 30.2104

Sweetspot

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



24.1835, 18.9742, 27.1990



54.4349, 52.9424, 62.5545



19.3037, 16.2622, 35.8398



11.7969, 11.3657, 13.5557



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.1835, 18.9742, 27.1990



40.5666, 29.4634, 44.8056



22.3110, 18.2252, 17.3386



7.2568, 7.1592, 8.3385



13.7419, 6.8528, 11.0972



0.3100, 0.1525, 0.3450

Inverse Universe

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



24.1835, 18.9742, 27.1990



40.5666, 29.4634, 44.8056



23.9048, 30.5868, 34.4145



7.2568, 7.1592, 8.3385



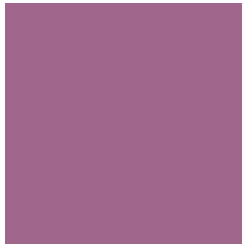
13.7419, 6.8528, 11.0972



0.3100, 0.1525, 0.3450

Previews

White Background



This preview shows how the XYZ color 24.1829, 18.9733, 27.1986 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 24.1829, 18.9733, 27.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

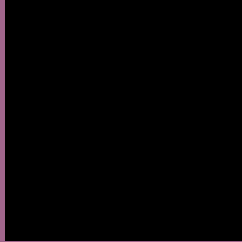
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1829, 18.9733, 27.1986

Background



This preview shows how black text looks on a background with the XYZ color 24.1829, 18.9733, 27.1986.



This preview shows how white text looks on a background with the XYZ color 24.1829, 18.9733,

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

24.1829, 18.9733, 27.1986

Protanopia

19.1940, 19.2107, 32.4022

Deuteranopia

19.4512, 19.1230, 26.3328



Tritanopia

22.4528, 19.0223, 18.7079

Trichromacy



Original Color

24.1829, 18.9733, 27.1986

Protanomaly

20.4563, 18.6942, 30.5471

Deuteranomaly

20.8628, 18.8266, 26.5791

Tritanomaly

22.9877, 18.9293, 21.5109

Monochromacy



Original Color

24.1829, 18.9733, 27.1986

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5912, 19.4209, 23.7824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1829, 18.9733, 27.1986 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(161, 102, 140)` looks like.

```
.text, #text, p{  
    color:rgb(161, 102, 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(161, 102, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 102, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.1829, 18.9733, 27.1986 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(161, 102, 140) }
```


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

```
.border{ border-color:rgb(161, 102, 140) }
```

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

Here you see how a box with a 4 pixel rgb(161, 102, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 102, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 102, 140);  
box-shadow:4px 4px 4px 4px rgb(161, 102,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1829, 18.9733, 27.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 102, 140) }
```

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

```
.background{ background-color: rgb(161,  
102, 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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