

Converting Colors

XYZ(27.7139, 20.9146, 28.5643)

Have a look what the booklet for
XYZ(27.7139, 20.9146, 28.5643)
contains.

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Color

**XYZ(27.7127, 20.9138,
28.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	B0678F
RGB	176, 103, 143
RGB Percent	69%, 40%, 56%
CMY	0.3098, 0.5961, 0.4392
CMYK	0.00, 0.41, 0.19, 0.31
HSL	327°, 32%, 55%
HSV	327°, 41%, 69%
XYZ	27.7127, 20.9138, 28.5627
YIQ	129.3870, 30.6680, 27.9160

Conversions

Conversions Part 2

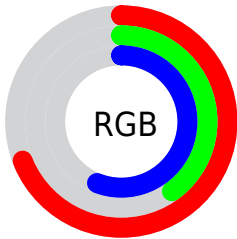
Format	Color
R _Y B	176, 103, 143
Decimal	11560847
CIE Lab	52.86, 34.76, -9.31
CIE LCh	53, 35.988, 345.001
Yxy	20.9138, 0.3590, 0.2709
Android (android.graphics.Color)	4289750927 (0xFFB0678F)
YUV	129.3870, 6.7112, 40.8796
Hunter-Lab	45.7316, 28.1381, -5.0188

Details

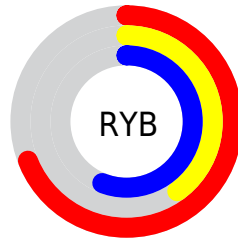
The XYZ color **27.7127, 20.9138, 28.5627** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.5638, 35.7125, 28.8402**, and the grayscale version is **20.9722, 22.0644, 24.0281**.

A 20% lighter version of the original color is **55.5708, 45.1318, 58.6057**, and **11.2749, 7.4741, 11.2043** is the 20% darker color. If you saturate the color by 10%, you get **25.5614, 17.5416, 24.9765**, and if you desaturate by 10%, it is **30.2765, 25.0420, 32.4978**.

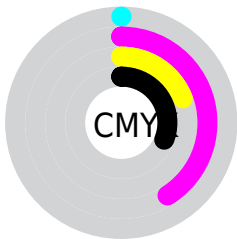
Distribution



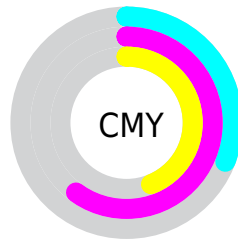
- Red (69%)
- Green (40%)
- Blue (56%)



- Red (69%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (31%)





- Cyan (31%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7127, 20.9138, 28.5627 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 27.7127, 20.9138, 28.5627 by changing the saturation by 10% instead.

 27.7127, 20.9138,
28.5627


 27.7127, 20.9138,
28.5627


283.1966,
256.8200, 309.1421


 18.2485, 13.0610,
18.5075


 55.4373, 44.9440,
58.4154


 11.2293, 7.4706,
11.1418


 74.4284, 61.8903,
79.0501

 6.2897, 3.7581,
6.0469


 97.3259, 82.6364,
104.0483

 3.0644, 1.5392,
2.8044

 124.4952,
107.5669, 133.8287

 1.1879, 0.3161,
0.9956

156.3015,
137.0661, 168.8097

 0.0968, 0.0000,
0.0000

193.1103,

 0.0000, 0.0000,

171.5184, 209.4099

0.0000

235.2869,
211.3083, 256.0479

■ 27.7127, 20.9138,
28.5627

■ 27.7127, 20.9138,
28.5627

■ 25.5614, 17.5416,
24.9765

■ 30.2765, 25.0420,
32.4978

■ 23.7964, 14.8754,
21.7255

■ 33.2731, 29.9662,
36.7921

■ 22.3916, 12.8640,
18.7967

■ 36.7235, 35.7269,
41.4569

■ 21.3164, 11.4476,
16.1753

■ 40.6469, 42.3612,
46.5027

■ 20.5346, 10.5556,
13.8443

■ 45.0613, 49.9039,
51.9393

■ 20.0360, 10.0827,
12.0616

■ 49.9837, 58.3877,
57.7761

■ 55.4305, 67.8440,
64.0223

■ 61.4169, 78.3024,
70.6867

■ 65.8804, 85.6365,
77.0851

Harmonies

Analogous

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



25.4421, 20.9138, 40.7782



27.7127, 20.9138, 28.5627



27.7126, 20.9138, 17.8209

Triad

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



27.7127, 20.9138, 28.5627



18.0644, 20.9138, 8.0537



15.1907, 20.9138, 40.7788

Complementary

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



27.7127, 20.9138, 28.5627



25.5638, 35.7125, 28.8402

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.



13.6794, 20.9138, 28.5634



27.7127, 20.9138, 28.5627



15.1906, 20.9138, 11.0427

Square

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



27.7127, 20.9138, 28.5627



21.8087, 20.9138, 8.0536



13.6794, 20.9138, 17.8214



18.0646, 20.9138, 49.2044

Rectangle

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



27.7127, 20.9138, 28.5627



26.4091, 20.9138, 12.8387



13.6794, 20.9138, 17.8214



14.5235, 20.9138, 36.8354

Sweetspot

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



27.7133, 20.9148, 28.5631



66.1149, 63.9750, 74.5433



22.8167, 18.0580, 43.3576



14.1490, 13.5638, 15.9171



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.7133, 20.9148, 28.5631



46.5733, 32.1442, 45.6714



25.3910, 19.9859, 16.3342



8.6846, 8.5806, 9.8377



14.7305, 7.4098, 9.0068



0.4924, 0.2447, 0.4357

Inverse Universe

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



27.7133, 20.9148, 28.5631



46.5733, 32.1442, 45.6714



28.5997, 36.9268, 44.8269



8.6846, 8.5806, 9.8377



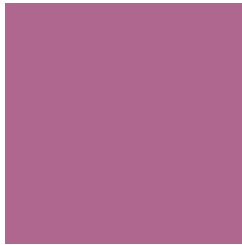
14.7305, 7.4098, 9.0068



0.4924, 0.2447, 0.4357

Previews

White Background



This preview shows how the XYZ color 27.7127, 20.9138, 28.5627 looks on a white background.

Color Contrast Check

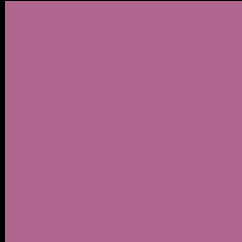
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7127, 20.9138, 28.5627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

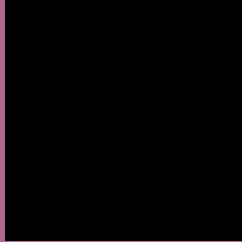
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7127, 20.9138, 28.5627

Background



This preview shows how black text looks on a background with the XYZ color 27.7127, 20.9138, 28.5627.



This preview shows how white text looks on a background with the XYZ color 27.7127, 20.9138,

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

27.7127, 20.9138, 28.5627

Protanopia

21.1129, 21.0578, 35.2995

Deuteranopia

21.4160, 21.0165, 27.3539



Tritanopia

25.7485, 20.8703, 19.1943

Trichromacy



Original Color

27.7127, 20.9138, 28.5627

Protanomaly

22.9263, 20.5979, 32.9044

Deuteranomaly

23.3734, 20.7738, 27.5888

Tritanomaly

26.3755, 20.8131, 22.3659

Monochromacy



Original Color

27.7127, 20.9138, 28.5627

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.8736, 21.2652, 25.4533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7127, 20.9138, 28.5627 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(176, 103, 143)` looks like.

```
.text, #text, p{  
    color:rgb(176, 103, 143)  
}
```

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(176, 103, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 103, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.7127, 20.9138, 28.5627 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(176, 103, 143) }
```


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

```
.border{ border-color:rgb(176, 103, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 103, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 103, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 103, 143);  
box-shadow:4px 4px 4px 4px rgb(176, 103,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7127, 20.9138, 28.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 103, 143) }
```

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

```
.background{ background-color: rgb(176,  
103, 143) }
```

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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