

Converting Colors

XYZ(27.6175, 14.0501, 27.0892)

Have a look what the booklet for
XYZ(27.6175, 14.0501, 27.0892)
contains.

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Color

**XYZ(27.7138, 14.0856,
27.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	C3148F
RGB	195, 20, 143
RGB Percent	76%, 8%, 56%
CMY	0.2353, 0.9215, 0.4392
CMYK	0.00, 0.90, 0.27, 0.24
HSL	318°, 81%, 42%
HSV	318°, 90%, 76%
XYZ	27.7138, 14.0856, 27.2447
YIQ	86.3470, 64.8170, 75.3530

Conversions

Conversions Part 2

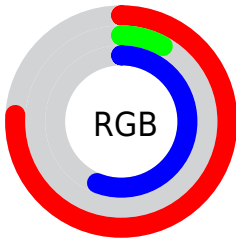
Format	Color
R_{YB}	195, 20, 143
Decimal	12784783
CIE _{Lab}	44.36, 71.40, -21.97
CIE _{LCh}	44, 74.705, 342.899
Yxy	14.0856, 0.4014, 0.2040
Android (android.graphics.Color)	4290974863 (0xFFC3148F)
YUV	86.3470, 27.9299, 95.2887
Hunter-Lab	37.5308, 66.1306, -16.7688

Details

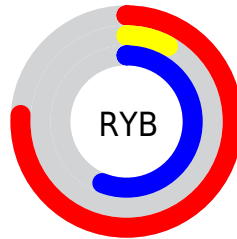
The XYZ color **27.7138, 14.0856, 27.2447** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.9745, 39.6475, 12.6816**, and the grayscale version is **8.8542, 9.3153, 10.1443**.

A 20% lighter version of the original color is **55.2324, 33.1199, 56.3050**, and **12.0851, 6.0069, 10.6477** is the 20% darker color. If you saturate the color by 10%, you get **27.0415, 13.4255, 24.9103**, and if you desaturate by 10%, it is **28.6570, 15.2510, 29.7815**.

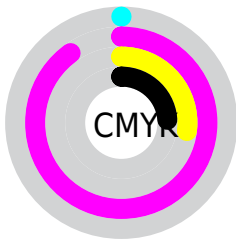
Distribution



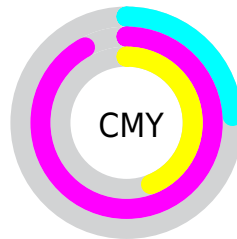
- Red (76%)
- Green (8%)
- Blue (56%)



- Red (76%)
- Yellow (8%)
- Blue (56%)



- Cyan (0%)
- Magenta (90%)
- Yellow (27%)
- Black (24%)





- Cyan (24%)
- Magenta (92%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7138, 14.0856, 27.2447 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 27.7138, 14.0856, 27.2447 by changing the saturation by 10% instead.


 27.7138, 14.0856,
27.2447


 27.7138, 14.0856,
27.2447


283.2018,
217.7627, 302.6375


 18.2494, 8.1802,
17.5230


 55.4390, 33.2408,
56.2848


 11.2299, 4.2105,
10.4422


 74.4306, 47.2595,
76.4403


 6.2902, 1.7920,
5.5837


 97.3285, 64.7513,
100.9108

 3.0646, 0.4822,
2.5290

 124.4982, 86.1008,
130.1149

 1.1880, 0.0000,
0.8555

 156.3050,
111.6923, 164.4710

 0.0969, 0.0000,
0.0000

 193.1143,

 0.0000, 0.0000,

141.9102, 204.3978

0.0000

235.2914,
177.1388, 250.3138

■ 27.7138, 14.0856,
27.2447

■ 27.7138, 14.0856,
27.2447

■ 27.0415, 13.4255,
24.9103

■ 28.6570, 15.2510,
29.7815

■ 27.0248, 13.4098,
24.8500

■ 29.9528, 17.0850,
32.5492

■ 31.6462, 19.6767,
35.5647

■ 33.7748, 23.1011,
38.8419

■ 36.3719, 27.4239,
42.3935

■ 39.4671, 32.7043,
46.2310

■ 43.0879, 38.9966,
50.3648

■ 47.2596, 46.3506,
54.8050

■ 52.0056, 54.8131,
59.5607

Harmonies

Analogous

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



22.8734, 14.0856, 54.4899



27.7138, 14.0856, 27.2447



28.0709, 14.0856, 9.0819

Triad

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



27.7138, 14.0856, 27.2447



10.9749, 14.0856, 0.2555



6.5917, 14.0856, 50.5985

Complementary

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



27.7138, 14.0856, 27.2447



20.9745, 39.6475, 12.6816

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.



4.9988, 14.0856, 23.9551



27.7138, 14.0856, 27.2447



6.9717, 14.0856, 1.6343

Square

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



27.7138, 14.0856, 27.2447



17.0739, 14.0856, 0.3546



5.1132, 14.0856, 7.5299



10.2747, 14.0856, 73.5243

Rectangle

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



27.7138, 14.0856, 27.2447



25.5943, 14.0856, 3.4823



5.1132, 14.0856, 7.5299



5.8513, 14.0856, 41.1828

Sweetspot

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



27.7143, 14.0864, 27.2449



72.1016, 61.0178, 84.4659



12.5978, 5.7283, 52.0718



15.3272, 12.5649, 17.9505



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.7143, 14.0864, 27.2449



48.2866, 23.9710, 43.9007



23.5183, 12.4080, 5.1494



10.3656, 10.1949, 12.0159



17.6030, 8.7309, 16.3533



0.7897, 0.3889, 0.8598

Inverse Universe

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



27.7143, 14.0864, 27.2449



48.2866, 23.9710, 43.9007



25.8974, 41.6167, 38.6056



10.3656, 10.1949, 12.0159



17.6030, 8.7309, 16.3533



0.7897, 0.3889, 0.8598

Previews

White Background



This preview shows how the XYZ color 27.7138, 14.0856, 27.2447 looks on a white background.

Color Contrast Check

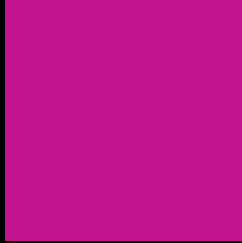
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.7138, 14.0856, 27.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

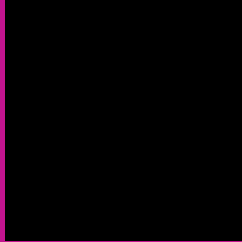
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.7138, 14.0856, 27.2447

Background



This preview shows how black text looks on a background with the XYZ color 27.7138, 14.0856, 27.2447.



This preview shows how white text looks on a background with the XYZ color 27.7138, 14.0856,

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

27.7138, 14.0856, 27.2447

Protanopia

16.8611, 14.6744, 57.2021

Deuteranopia

14.7329, 14.4466, 24.5662



Tritanopia

23.4197, 14.2945, 6.0822

Trichromacy



Original Color

27.7138, 14.0856, 27.2447



Protanomaly

16.4465, 11.0636, 44.4487



Deuteranomaly

17.0512, 11.8055, 25.0469



Tritanomaly

24.3126, 13.7085, 11.2621

Monochromacy



Original Color

27.7138, 14.0856, 27.2447



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

12.9807, 8.9424, 14.9518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7138, 14.0856, 27.2447 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(195, 20, 143)` looks like.

```
.text, #text, p{  
    color:rgb(195, 20, 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(195, 20, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 20, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.7138, 14.0856, 27.2447 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(195, 20, 143) }
```


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

```
.border{ border-color:rgb(195, 20, 143) }
```

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

Here you see how a box with a 4 pixel rgb(195, 20, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 20, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 20, 143);  
box-shadow:4px 4px 4px 4px rgb(195, 20,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7138, 14.0856, 27.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 20, 143) }
```

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

```
.background{ background-color: rgb(195, 20,  
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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