

Converting Colors

XYZ(28.4149, 18.1822, 20.4242)

Have a look what the booklet for
XYZ(28.4149, 18.1822, 20.4242)
contains.

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Color

**XYZ(28.4149, 18.1822,
20.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	C24D7A
RGB	194, 77, 122
RGB Percent	76%, 30%, 48%
CMY	0.2392, 0.6980, 0.5216
CMYK	0.00, 0.60, 0.37, 0.24
HSL	337°, 49%, 53%
HSV	337°, 60%, 76%
XYZ	28.4149, 18.1822, 20.4242
YIQ	117.1130, 55.2870, 38.7990

Conversions

Conversions Part 2

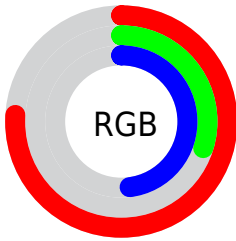
Format	Color
RYB	194, 77, 122
Decimal	12733818
CIELab	49.72, 51.07, -1.18
CIElCh	50, 51.081, 358.672
Yxy	18.1822, 0.4240, 0.2713
Android (android.graphics.Color)	4290923898 (0xFFC24D7A)
YUV	117.1130, 2.4093, 67.4299
Hunter-Lab	42.6406, 44.3281, 1.4494

Details

The XYZ color **28.4149, 18.1822, 20.4242** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **27.7782, 42.3319, 35.1431**, and the grayscale version is **16.9250, 17.8064, 19.3912**.

A 20% lighter version of the original color is **56.6293, 40.3594, 44.8499**, and **11.5747, 6.0992, 7.0458** is the 20% darker color. If you saturate the color by 10%, you get **26.5593, 15.5831, 16.3774**, and if you desaturate by 10%, it is **30.7671, 21.6290, 25.0853**.

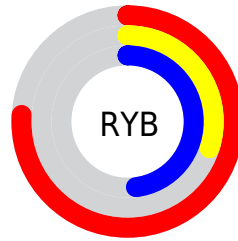
Distribution



Red (76%)

Green (30%)

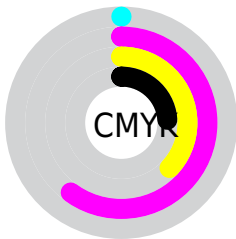
Blue (48%)



Red (76%)

Yellow (30%)

Blue (48%)

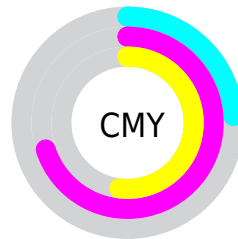


Cyan (0%)

Magenta (60%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (70%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4149, 18.1822, 20.4242 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 28.4149, 18.1822, 20.4242 by changing the saturation by 10% instead.


 28.4149, 18.1822,
20.4242


 28.4149, 18.1822,
20.4242


286.4884,
241.8960, 266.8822


 18.7807, 11.0809,
12.5166


 56.5502, 40.3475,
44.9955

 11.6150, 6.1213,
6.9698


 75.7820, 56.1804,
62.4964


 6.5524, 2.9190,
3.3650


 98.9437, 75.6925,
84.0321

 3.2276, 1.0896,
1.2839

 126.4007, 99.2682,
110.0212

 1.2752, 0.0000,
0.0486

 158.5183,
127.2921, 140.8822

 0.1646, 0.0000,
0.0000

195.6619,

 0.0000, 0.0000,

160.1484, 177.0337

0.0000

238.1968,
198.2216, 218.8941

■ 28.4149, 18.1822,
20.4242

■ 28.4149, 18.1822,
20.4242

■ 26.5593, 15.5831,
16.3774

■ 30.7671, 21.6290,
25.0853

■ 25.1583, 13.7530,
12.9142

■ 33.6502, 25.9871,
30.3871

■ 24.1649, 12.6034,
10.0019

■ 37.0969, 31.3173,
36.3551

■ 23.5049, 11.9720,
7.6588

■ 41.1368, 37.6743,
43.0134

■ 45.7976, 45.1088,
50.3844

■ 51.1048, 53.6679,
58.4896

■ 57.0827, 63.3961,
67.3496

■ 63.7542, 74.3354,
76.9840

■ 71.1412, 86.5257,
87.4117

Harmonies

Analogous

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



26.5614, 18.1822, 37.2372



28.4149, 18.1822, 20.4242



26.8509, 18.1822, 9.5288

Triad

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



28.4149, 18.1822, 20.4242



13.1727, 18.1822, 4.3720



12.8621, 18.1822, 52.6086

Complementary

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



28.4149, 18.1822, 20.4242



27.7782, 42.3319, 35.1431

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.



10.3081, 18.1822, 35.6238



28.4149, 18.1822, 20.4242



10.4624, 18.1822, 8.8840

Square

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



28.4149, 18.1822, 20.4242



17.4992, 18.1822, 3.2810



9.5186, 18.1822, 19.1834



17.0659, 18.1822, 60.4438

Rectangle

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



28.4149, 18.1822, 20.4242



24.2201, 18.1822, 5.7292



9.5186, 18.1822, 19.1834



11.8137, 18.1822, 47.4802

Sweetspot

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



28.4154, 18.1832, 20.4245



76.1435, 70.8177, 80.5223



24.4610, 15.4255, 52.7273



16.1591, 14.6907, 16.8037



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.



28.4154, 18.1832, 20.4245



47.3186, 27.1571, 27.7874



27.1359, 19.1011, 9.2790



10.2299, 10.1406, 11.3014



15.4911, 7.8862, 5.2321



0.7030, 0.3542, 0.4037

Inverse Universe

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



28.4154, 18.1832, 20.4245



47.3186, 27.1571, 27.7874



29.5884, 39.0524, 57.0175



10.2299, 10.1406, 11.3014



15.4911, 7.8862, 5.2321



0.7030, 0.3542, 0.4037

Previews

White Background



This preview shows how the XYZ color 28.4149, 18.1822, 20.4242 looks on a white background.

Color Contrast Check

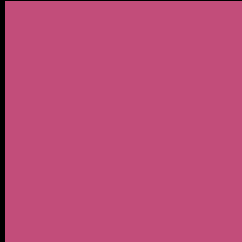
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4149, 18.1822, 20.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

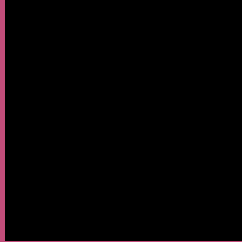
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4149, 18.1822, 20.4242

Background



This preview shows how black text looks on a background with the XYZ color 28.4149, 18.1822, 20.4242.



This preview shows how white text looks on a background with the XYZ color 28.4149, 18.1822,

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

28.4149, 18.1822, 20.4242

Protanopia

18.4270, 18.5082, 30.2050

Deuteranopia

18.6432, 18.3477, 19.0819



Tritanopia

26.7117, 18.2684, 11.5695

Trichromacy



Original Color

28.4149, 18.1822, 20.4242

Protanomaly

20.5930, 17.2863, 26.2960

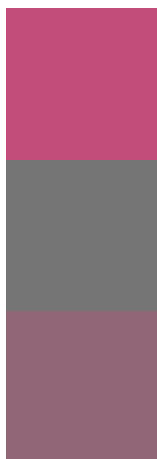
Deuteranomaly

21.2501, 17.4854, 19.3946

Tritanomaly

27.2837, 18.1619, 14.3795

Monochromacy



Original Color

28.4149, 18.1822, 20.4242

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.7582, 16.8544, 19.6646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4149, 18.1822, 20.4242 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(194, 77, 122)` looks like.

```
.text, #text, p{  
    color:rgb(194, 77, 122)  
}
```

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(194, 77, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 77, 122) }
```

Border

The CSS property to change the border of an element to XYZ 28.4149, 18.1822, 20.4242 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(194, 77, 122) }
```


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

```
.border{ border-color:rgb(194, 77, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 77, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 77, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 77, 122);  
box-shadow:4px 4px 4px 4px rgb(194, 77,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4149, 18.1822, 20.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 77, 122) }
```

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

```
.background{ background-color: rgb(194, 77,  
122) }
```

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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