

Converting Colors

XYZ(29.5109, 18.3373, 20.7229)

Have a look what the booklet for
XYZ(29.5109, 18.3373, 20.7229)
contains.

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Color

**XYZ(29.5109, 18.3373,
20.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	C7497B
RGB	199, 73, 123
RGB Percent	78%, 29%, 48%
CMY	0.2196, 0.7137, 0.5176
CMYK	0.00, 0.63, 0.38, 0.22
HSL	336°, 53%, 53%
HSV	336°, 63%, 78%
XYZ	29.5109, 18.3373, 20.7229
YIQ	116.3740, 59.0460, 42.2620

Conversions

Conversions Part 2

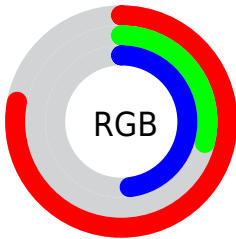
Format	Color
RYB	199, 73, 123
Decimal	13060475
CIELab	49.90, 54.51, -1.42
CIELCh	50, 54.527, 358.510
Yxy	18.3373, 0.4304, 0.2674
Android (android.graphics.Color)	4291250555 (0xFFC7497B)
YUV	116.3740, 3.2666, 72.4630
Hunter-Lab	42.8221, 48.0749, 1.2832

Details

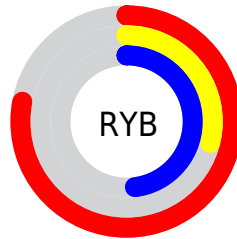
The XYZ color **29.5109, 18.3373, 20.7229** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.5971, 44.4338, 35.5062**, and the grayscale version is **16.6937, 17.5631, 19.1262**.

A 20% lighter version of the original color is **56.6970, 39.7935, 45.2501**, and **12.2531, 6.2223, 7.0338** is the 20% darker color. If you saturate the color by 10%, you get **27.7003, 15.8458, 16.6365**, and if you desaturate by 10%, it is **31.8329, 21.7040, 25.4347**.

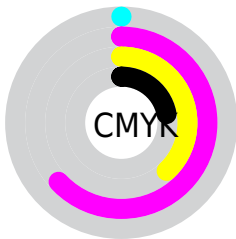
Distribution



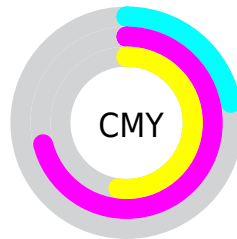
- Red (78%)
- Green (29%)
- Blue (48%)



- Red (78%)
- Yellow (29%)
- Blue (48%)



- Cyan (0%)
- Magenta (63%)
- Yellow (38%)
- Black (22%)





- Cyan (22%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5109, 18.3373, 20.7229 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 29.5109, 18.3373, 20.7229 by changing the saturation by 10% instead.


 29.5109, 18.3373,
20.7229


 29.5109, 18.3373,
20.7229


291.5689,
242.7654, 268.5347


 19.6139, 11.1924,
12.7323


 58.2798, 40.6112,
45.5007


 12.2213, 6.1964,
7.1159


 77.8824, 56.5091,
63.1250


 6.9679, 2.9649,
3.4552


 101.4508, 76.0934,
84.7976

 3.4882, 1.1134,
1.3315

 129.3505, 99.7485,
110.9371

 1.4169, 0.0000,
0.0874

 161.9468,
127.8589, 141.9621

 0.2682, 0.0000,
0.0000

199.6051,

 0.0000, 0.0000,

160.8089, 178.2909

0.0000

242.6906,
198.9830, 220.3423

■ 29.5109, 18.3373,
20.7229

■ 29.5109, 18.3373,
20.7229

■ 27.7003, 15.8458,
16.6365

■ 31.8329, 21.7040,
25.4347

■ 26.3546, 14.1421,
13.1432

■ 34.7040, 26.0163,
30.7996

■ 25.4209, 13.1258,
10.2081

■ 38.1598, 31.3408,
36.8444

■ 24.9631, 12.7061,
8.5266

■ 42.2325, 37.7372,
43.5941

■ 46.9518, 45.2605,
51.0720

■ 52.3454, 53.9618,
59.3004

■ 58.4395, 63.8894,
68.3008

■ 65.2586, 75.0884,
78.0933

■ 72.8262, 87.6020,
88.6977

Harmonies

Analogous

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



27.4651, 18.3373, 39.0590



29.5109, 18.3373, 20.7229



27.8200, 18.3373, 9.1487

Triad

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



29.5109, 18.3373, 20.7229



13.0639, 18.3373, 3.8616



12.6945, 18.3373, 55.8764

Complementary

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



29.5109, 18.3373, 20.7229



28.5971, 44.4338, 35.5062

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.



10.0134, 18.3373, 37.0691



29.5109, 18.3373, 20.7229



10.1949, 18.3373, 8.4008

Square

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



29.5109, 18.3373, 20.7229



17.6913, 18.3373, 2.8119



9.1978, 18.3373, 19.2282



17.1694, 18.3373, 64.6902

Rectangle

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



29.5109, 18.3373, 20.7229



24.9597, 18.3373, 5.2470



9.1978, 18.3373, 19.2282



11.5895, 18.3373, 50.1655

Sweetspot

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



29.5114, 18.3383, 20.7232



77.1405, 71.1465, 81.4563



25.0140, 15.2419, 55.6564



16.0153, 14.4403, 16.6411



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.



29.5114, 18.3383, 20.7232



47.5140, 26.4567, 26.6844



28.0525, 19.2162, 8.5352



10.8053, 10.7055, 11.9579



16.0923, 8.1865, 5.6961



0.7975, 0.4018, 0.4569

Inverse Universe

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



29.5114, 18.3383, 20.7232



47.5140, 26.4567, 26.6844



30.7005, 40.8272, 60.2952



10.8053, 10.7055, 11.9579



16.0923, 8.1865, 5.6961



0.7975, 0.4018, 0.4569

Previews

White Background



This preview shows how the XYZ color 29.5109, 18.3373, 20.7229 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 29.5109, 18.3373, 20.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

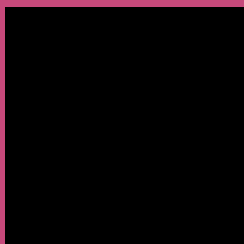
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5109, 18.3373, 20.7229

Background



This preview shows how black text looks on a background with the XYZ color 29.5109, 18.3373, 20.7229.



This preview shows how white text looks on a background with the XYZ color 29.5109, 18.3373,

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

29.5109, 18.3373, 20.7229

Protanopia

18.6199, 18.5707, 31.8813

Deuteranopia

18.8573, 18.4514, 19.3972



Tritanopia

27.3871, 18.2925, 10.8914

Trichromacy



Original Color

29.5109, 18.3373, 20.7229

Protanomaly

20.8868, 17.2655, 27.4310

Deuteranomaly

21.5972, 17.5142, 19.6950

Tritanomaly

28.0025, 18.2199, 13.8453

Monochromacy



Original Color

29.5109, 18.3373, 20.7229

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.7410, 16.5572, 19.6082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5109, 18.3373, 20.7229 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(199, 73, 123)` looks like.

```
.text, #text, p{  
    color:rgb(199, 73, 123)  
}
```

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(199, 73, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 73, 123) }
```

Border

The CSS property to change the border of an element to XYZ 29.5109, 18.3373, 20.7229 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(199, 73, 123) }
```


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

```
.border{ border-color:rgb(199, 73, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 73, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 73, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 73, 123);  
box-shadow:4px 4px 4px 4px rgb(199, 73,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5109, 18.3373, 20.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 73, 123) }
```

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

```
.background{ background-color: rgb(199, 73,  
123) }
```

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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