

Converting Colors

XYZ(28.8724, 18.4378, 23.1131)

Have a look what the booklet for
XYZ(28.8724, 18.4378, 23.1131)
contains.

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Color

**XYZ(29.0018, 18.5298,
23.1671)**

Conversions

Conversions Part 1

Format	Color
Hex	C24E82
RGB	194, 78, 130
RGB Percent	76%, 31%, 51%
CMY	0.2392, 0.6941, 0.4902
CMYK	0.00, 0.60, 0.33, 0.24
HSL	333°, 49%, 53%
HSV	333°, 60%, 76%
XYZ	29.0018, 18.5298, 23.1671
YIQ	118.6120, 52.4440, 40.7640

Conversions

Conversions Part 2

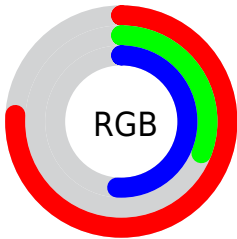
Format	Color
RYB	194, 78, 130
Decimal	12734082
CIELab	50.13, 51.56, -5.38
CIElCh	50, 51.840, 354.046
Yxy	18.5298, 0.4102, 0.2621
Android (android.graphics.Color)	4290924162 (0xFFC24E82)
YUV	118.6120, 5.6143, 66.1153
Hunter-Lab	43.0463, 44.9309, -1.7770

Details

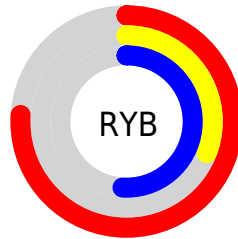
The XYZ color **29.0018, 18.5298, 23.1671** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.3172, 42.1568, 32.2909**, and the grayscale version is **17.3841, 18.2894, 19.9172**.

A 20% lighter version of the original color is **57.3065, 40.8041, 49.6553**, and **12.0022, 6.3133, 8.3706** is the 20% darker color. If you saturate the color by 10%, you get **27.1396, 15.8960, 19.1841**, and if you desaturate by 10%, it is **31.3463, 22.0083, 27.6800**.

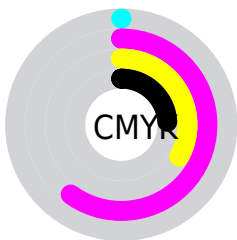
Distribution



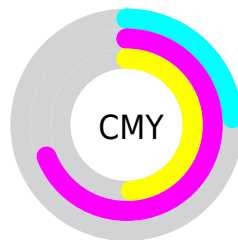
- Red (76%)
- Green (31%)
- Blue (51%)



- Red (76%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0018, 18.5298, 23.1671 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 29.0018, 18.5298, 23.1671 by changing the saturation by 10% instead.


 29.0018, 18.5298,
23.1671


 29.0018, 18.5298,
23.1671


289.2175,
243.8405, 281.7318


 19.2265, 11.3310,
14.5105

 57.4775, 40.9380,
49.5942


 11.9390, 6.2899,
8.3338


 76.9086, 56.9163,
68.2018


 6.7741, 3.0222,
4.2184


 100.2889, 76.5898,
90.9635

 3.3663, 1.1433,
1.7459

 127.9839,
100.3430, 118.2978

 1.3503, 0.0147,
0.3919

 160.3589,
128.5603, 150.6232

 0.2204, 0.0000,
0.0000

197.7793,

 0.0000, 0.0000,

161.6261, 188.3583

0.0000

240.6104,
199.9247, 231.9217

■ 29.0018, 18.5298,
23.1671

■ 29.0018, 18.5298,
23.1671

■ 27.1396, 15.8960,
19.1841

■ 31.3463, 22.0083,
27.6800

■ 25.7189, 14.0294,
15.7056

■ 34.2061, 26.3945,
32.7441

■ 24.6943, 12.8426,
12.7050

■ 37.6130, 31.7485,
38.3805

■ 23.9805, 12.1693,
10.1414

■ 41.5958, 38.1244,
44.6085

■ 23.9669, 12.1568,
10.0916

■ 46.1809, 45.5724,
51.4466

■ 51.3934, 54.1392,
58.9124

■ 57.2566, 63.8689,
67.0225

■ 63.7928, 74.8031,
75.7930

■ 71.0231, 86.9812,
85.2395

Harmonies

Analogous

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



26.5914, 18.5298, 41.0299



29.0018, 18.5298, 23.1671



27.9249, 18.5298, 10.9118

Triad

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



29.0018, 18.5298, 23.1671



13.9797, 18.5298, 4.0352



12.5513, 18.5298, 51.6560

Complementary

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



29.0018, 18.5298, 23.1671



27.3172, 42.1568, 32.2909

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.



10.2138, 18.5298, 33.5944



29.0018, 18.5298, 23.1671



10.9227, 18.5298, 7.9478

Square

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



29.0018, 18.5298, 23.1671



18.6277, 18.5298, 3.3167



9.6795, 18.5298, 17.4538



16.6340, 18.5298, 61.7884

Rectangle

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



29.0018, 18.5298, 23.1671



25.4608, 18.5298, 6.4540



9.6795, 18.5298, 17.4538



11.5689, 18.5298, 45.9923

Sweetspot

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



29.0023, 18.5308, 23.1674



76.5404, 70.9765, 82.6125



23.5840, 15.0781, 52.7064



16.2576, 14.7301, 17.3224



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.



29.0023, 18.5308, 23.1674



48.2221, 27.5185, 32.5451



26.7789, 18.3301, 9.3356



10.2566, 10.1513, 11.4420



15.7976, 8.0088, 6.8460



0.7172, 0.3599, 0.4784

Inverse Universe

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



29.0023, 18.5308, 23.1674



48.2221, 27.5185, 32.5451



30.9061, 41.5672, 57.4334



10.2566, 10.1513, 11.4420



15.7976, 8.0088, 6.8460



0.7172, 0.3599, 0.4784

Previews

White Background



This preview shows how the XYZ color 29.0018, 18.5298, 23.1671 looks on a white background.

Color Contrast Check

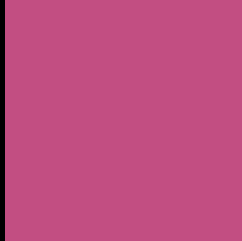
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0018, 18.5298, 23.1671 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 29.0018, 18.5298, 23.1671

Background



This preview shows how black text looks on a background with the XYZ color 29.0018, 18.5298, 23.1671.



This preview shows how white text looks on a background with the XYZ color 29.0018, 18.5298,

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

29.0018, 18.5298, 23.1671

Protanopia

19.1130, 18.9430, 34.5473

Deuteranopia

18.9367, 18.6131, 21.6634



Tritanopia

26.7454, 18.5046, 12.2873

Trichromacy



Original Color

29.0018, 18.5298, 23.1671

Protanomaly

21.2013, 17.6699, 29.8970

Deuteranomaly

21.6541, 17.7814, 22.0295

Tritanomaly

27.4330, 18.4336, 15.7478

Monochromacy



Original Color

29.0018, 18.5298, 23.1671

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.3795, 17.4417, 21.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0018, 18.5298, 23.1671 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, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 78, 130)  
}
```

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, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 78, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.0018, 18.5298, 23.1671 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, 78, 130) }
```


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

```
.border{ border-color:rgb(194, 78, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 78, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 78,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0018, 18.5298, 23.1671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 78, 130) }
```

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

```
.background{ background-color: rgb(194, 78,  
130) }
```

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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