

Converting Colors

XYZ(28.9799, 19.1741, 23.3262)

Have a look what the booklet for
XYZ(28.9799, 19.1741, 23.3262)
contains.

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Color

**XYZ(28.9378, 19.1588,
23.2919)**

Conversions

Conversions Part 1

Format	Color
Hex	C05482
RGB	192, 84, 130
RGB Percent	75%, 33%, 51%
CMY	0.2471, 0.6706, 0.4902
CMYK	0.00, 0.56, 0.32, 0.25
HSL	334°, 46%, 54%
HSV	334°, 56%, 75%
XYZ	28.9378, 19.1588, 23.2919
YIQ	121.5360, 49.6020, 37.2020

Conversions

Conversions Part 2

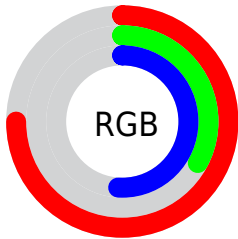
Format	Color
R_{YB}	192, 84, 130
Decimal	12604546
CIE _{Lab}	50.87, 48.12, -4.32
CIE _{LCh}	51, 48.316, 354.875
Yxy	19.1588, 0.4054, 0.2684
Android (android.graphics.Color)	4290794626 (0xFFC05482)
YUV	121.5360, 4.1728, 61.7969
Hunter-Lab	43.7708, 41.4114, -0.9107

Details

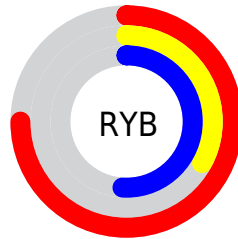
The XYZ color **28.9378, 19.1588, 23.2919** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.6951, 41.6599, 33.7779**, and the grayscale version is **18.3238, 19.2781, 20.9939**.

A 20% lighter version of the original color is **57.4194, 42.1051, 49.9005**, and **11.8921, 6.5755, 8.4270** is the 20% darker color. If you saturate the color by 10%, you get **26.9459, 16.2962, 19.1710**, and if you desaturate by 10%, it is **31.4185, 22.8718, 27.9671**.

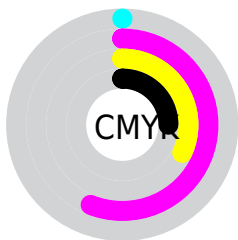
Distribution



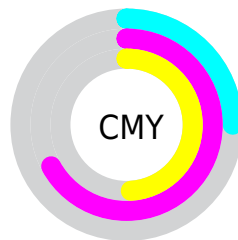
- Red (75%)
- Green (33%)
- Blue (51%)



- Red (75%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (32%)
- Black (25%)



- Cyan (25%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9378, 19.1588, 23.2919 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 28.9378, 19.1588, 23.2919 by changing the saturation by 10% instead.

■ 28.9378, 19.1588,
23.2919

■ 28.9378, 19.1588,
23.2919

288.9209,
247.3240, 282.3911

■ 19.1778, 11.7851,
14.6019

■ 57.3765, 42.0023,
49.8014

■ 11.9036, 6.5975,
8.3969

■ 76.7859, 58.2408,
68.4580

■ 6.7498, 3.2117,
4.2586

■ 100.1425, 78.2030,
91.2739

■ 3.3511, 1.2432,
1.7682

■ 127.8117,
102.2734, 118.6675

■ 1.3420, 0.0966,
0.4069

■ 160.1587,
130.8363, 151.0576

■ 0.2143, 0.0000,
0.0000

197.5490,

■ 0.0000, 0.0000,

164.2761, 188.8625

0.0000

240.3480,
202.9772, 232.5008

■ 28.9378, 19.1588,
23.2919

■ 28.9378, 19.1588,
23.2919

■ 26.9459, 16.2962,
19.1710

■ 31.4185, 22.8718,
27.9671

■ 25.4043, 14.2116,
15.5789

■ 34.4190, 27.4940,
33.2183

■ 24.2712, 12.8252,
12.4890

■ 37.9698, 33.0823,
39.0669

■ 23.4925, 12.0333,
9.8695

■ 42.0982, 39.6880,
45.5329

■ 23.2526, 11.8122,
8.9918

■ 46.8298, 47.3591,
52.6352

■ 52.1885, 56.1400,
60.3919

■ 58.1971, 66.0730,
68.8200

■ 64.8770, 77.1979,
77.9363

■ 71.6698, 88.3951,
87.5637

Harmonies

Analogous

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



26.7732, 19.1588, 39.8799



28.9378, 19.1588, 23.2919



27.8448, 19.1588, 11.6594

Triad

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



28.9378, 19.1588, 23.2919



14.6232, 19.1588, 4.9674



13.4331, 19.1588, 50.5022

Complementary

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



28.9378, 19.1588, 23.2919



27.6951, 41.6599, 33.7779

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.



11.1016, 19.1588, 33.9511



28.9378, 19.1588, 23.2919



11.7001, 19.1588, 9.1174

Square

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



28.9378, 19.1588, 23.2919



19.0401, 19.1588, 4.1256



10.5273, 19.1588, 18.6048



17.4041, 19.1588, 59.4001

Rectangle

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



28.9378, 19.1588, 23.2919



25.5003, 19.1588, 7.2888



10.5273, 19.1588, 18.6048



12.4610, 19.1588, 45.3747

Sweetspot

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



28.9383, 19.1598, 23.2923



75.4629, 70.5976, 81.2492



24.3980, 16.1855, 51.7074



15.8509, 14.6019, 16.9076



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.9383, 19.1598, 23.2923



48.2553, 28.7364, 33.4777



27.0974, 19.3640, 10.6982



10.2472, 10.1475, 11.3925



15.6838, 7.9633, 6.2468



0.7121, 0.3578, 0.4512

Inverse Universe

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



28.9383, 19.1598, 23.2923



48.2553, 28.7364, 33.4777



30.4784, 40.3054, 56.0426



10.2472, 10.1475, 11.3925



15.6838, 7.9633, 6.2468



0.7121, 0.3578, 0.4512

Previews

White Background



This preview shows how the XYZ color 28.9378, 19.1588, 23.2919 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 28.9378, 19.1588, 23.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

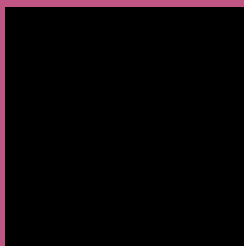
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9378, 19.1588, 23.2919

Background



This preview shows how black text looks on a background with the XYZ color 28.9378, 19.1588, 23.2919.



This preview shows how white text looks on a background with the XYZ color 28.9378, 19.1588,

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

28.9378, 19.1588, 23.2919

Protanopia

19.4886, 19.3434, 33.2783

Deuteranopia

19.6958, 19.3431, 22.0975



Tritanopia

26.8850, 19.1641, 13.5913

Trichromacy



Original Color

28.9378, 19.1588, 23.2919

Protanomaly

21.5239, 18.3105, 29.1879

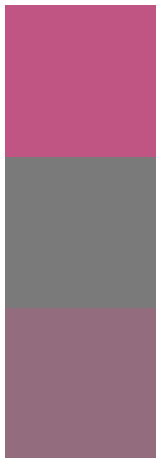
Deuteranomaly

22.3112, 18.7104, 22.5142

Tritanomaly

27.4852, 19.0307, 16.6927

Monochromacy



Original Color

28.9378, 19.1588, 23.2919

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.0969, 18.4088, 21.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9378, 19.1588, 23.2919 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(192, 84, 130)` looks like.

```
.text, #text, p{  
  color:rgb(192, 84, 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(192, 84, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 84, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.9378, 19.1588, 23.2919 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(192, 84, 130) }
```


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

```
.border{ border-color:rgb(192, 84, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 84, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 84, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 84, 130);  
box-shadow:4px 4px 4px 4px rgb(192, 84,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9378, 19.1588, 23.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 84, 130) }
```

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

```
.background{ background-color: rgb(192, 84,  
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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