

Converting Colors

XYZ(28.3780, 19.0045, 40.9547)

Have a look what the booklet for
XYZ(28.3780, 19.0045, 40.9547)
contains.

XYZ(28.3917, 18.9567, 41.1923) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 28**

***CSS Examples* 31**

Color

**XYZ(28.3917, 18.9567,
41.1923)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | AE58AC |
| RGB | 174, 88, 172 |
| RGB Percent | 68%, 35%, 67% |
| CMY | 0.3176, 0.6549, 0.3255 |
| CMYK | 0.00, 0.49, 0.01, 0.32 |
| HSL | 301°, 35%, 51% |
| HSV | 301°, 49%, 68% |
| XYZ | 28.3917, 18.9567, 41.1923 |
| YIQ | 123.2900, 24.2920, 44.3560 |

Conversions

Conversions Part 2

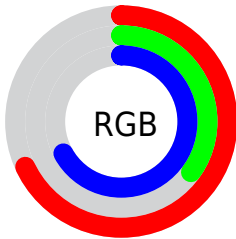
| Format | Color |
|-------------------------------------|--|
| RYB | 174, 88, 172 |
| Decimal | 11425964 |
| CIELab | 50.64, 47.01, -29.76 |
| CIELCh | 51, 55.638, 327.666 |
| Yxy | 18.9567, 0.3207, 0.2141 |
| Android (android.graphics.Color) | 4289616044 (0xFFAE58AC) |
| YUV | 123.2900, 24.0140, 44.4727 |
| Hunter-Lab | 43.5393, 40.2050, -25.6165 |

Details

The XYZ color **28.3917, 18.9567, 41.1923** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **21.0069, 33.0858, 14.9530**, and the grayscale version is **18.8407, 19.8219, 21.5860**.

A 20% lighter version of the original color is **56.4835, 41.6401, 78.4591**, and **11.5386, 6.4559, 18.0907** is the 20% darker color. If you saturate the color by 10%, you get **27.0916, 16.4182, 40.5676**, and if you desaturate by 10%, it is **30.0341, 22.1787, 41.9321**.

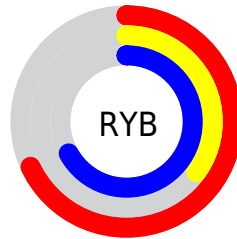
Distribution



Red (68%)

Green (35%)

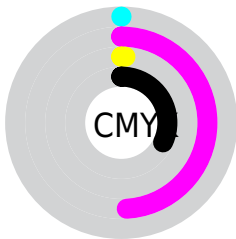
Blue (67%)



Red (68%)

Yellow (35%)

Blue (67%)

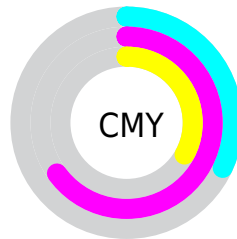


Cyan (0%)

Magenta (49%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (65%)

Yellow (33%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 28.3917, 18.9567, 41.1923 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 28.3917, 18.9567, 41.1923 by changing the saturation by 10% instead.

 28.3917, 18.9567,
41.1923


 28.3917, 18.9567,
41.1923


286.3802,
246.2096, 366.8241


 18.7631, 11.6390,
28.1485


 56.5135, 41.6609,
78.2326


 11.6022, 6.4984,
18.1976


 75.7374, 57.8162,
103.0662

 6.5437, 3.1504,
10.9211


 98.8904, 77.6862,
132.6668

 3.2222, 1.2108,
5.9003

 126.3379,
101.6552, 167.4529

 1.2723, 0.0705,
2.7167

158.4453,
130.1076, 207.8432

 0.1624, 0.0000,
0.9518


195.5779,


 0.0000, 0.0000,


163.4279, 254.2562


0.0000


238.1011,
202.0005, 307.1103


 28.3917, 18.9567,
41.1923


 28.3917, 18.9567,
41.1923

 27.0916, 16.4182,
40.5676


 30.0341, 22.1787,
41.9321


 26.1072, 14.5112,
40.0485


 32.0390, 26.1261,
42.7931


 25.4111, 13.1809,
39.6261


 34.4275, 30.8403,
43.7825


 24.9706, 12.3614,
39.2894


 37.2183, 36.3591,
44.9067


 24.7202, 11.9220,
39.0168


 40.4291, 42.7176,
46.1714

 24.7071, 11.8993,
39.0015

 44.0765, 49.9490,
47.5823

 48.1759, 58.0845,
49.1444

 52.7425, 67.1539,
50.8628

 57.7903, 77.1857,
52.7422

Harmonies

Analogous

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



23.3297, 18.9567, 60.2186



28.3917, 18.9567, 41.1923



30.6351, 18.9567, 21.8863

Triad

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



28.3917, 18.9567, 41.1923



18.4476, 18.9567, 2.8380



10.2443, 18.9567, 37.9290

Complementary

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



28.3917, 18.9567, 41.1923



21.0069, 33.0858, 14.9530

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.



9.4502, 18.9567, 19.4431



28.3917, 18.9567, 41.1923



13.5804, 18.9567, 3.8446

Square

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



28.3917, 18.9567, 41.1923



24.2183, 18.9567, 4.2569



10.5398, 18.9567, 8.3975



12.9777, 18.9567, 57.7589

Rectangle

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



28.3917, 18.9567, 41.1923



29.9493, 18.9567, 12.8126



10.5398, 18.9567, 8.3975



9.7692, 18.9567, 31.1432

Sweetspot

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



28.3924, 18.9576, 41.1927



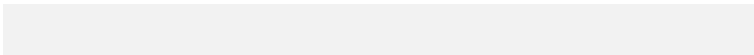
64.4615, 59.9215, 80.2337



15.2921, 12.1818, 41.5904



14.1012, 12.8713, 17.7413



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3924, 18.9576, 41.1927



49.0136, 29.5330, 73.5207



24.9463, 17.5791, 23.0462



8.3289, 8.1448, 10.0429



17.9232, 8.6318, 28.3045



0.5011, 0.2411, 0.8004

Inverse Universe

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



28.3924, 18.9576, 41.1927



49.0136, 29.5330, 73.5207



23.3560, 34.0254, 27.3232



8.3289, 8.1448, 10.0429



17.9232, 8.6318, 28.3045



0.5011, 0.2411, 0.8004

Previews

White Background



This preview shows how the XYZ color 28.3917, 18.9567, 41.1923 looks on a white background.

Color Contrast Check

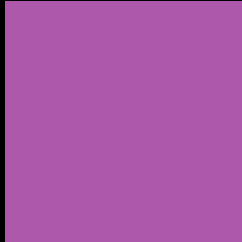
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3917, 18.9567, 41.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

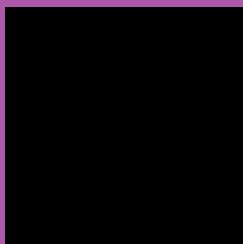
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3917, 18.9567, 41.1923

Background



This preview shows how black text looks on a background with the XYZ color 28.3917, 18.9567, 41.1923.



This preview shows how white text looks on a background with the XYZ color 28.3917, 18.9567,

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

28.3917, 18.9567, 41.1923

Protanopia

20.8879, 19.2077, 56.0326

Deuteranopia

19.5432, 19.0726, 38.7277



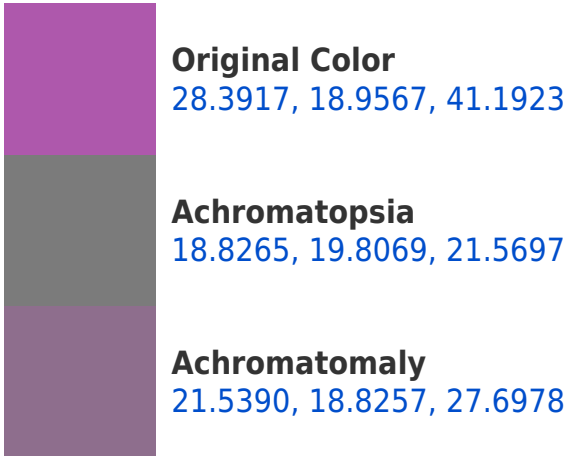
Tritanopia

23.3906, 18.9333, 17.1735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3917, 18.9567, 41.1923 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(174, 88, 172) looks like.

```
.text, #text, p{  
    color:rgb(174, 88, 172)  
}
```

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(174, 88, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 88, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.3917, 18.9567, 41.1923 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(174, 88, 172) }
```


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

```
.border{ border-color:rgb(174, 88, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 88, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 88, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 88, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 88,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3917, 18.9567, 41.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 88, 172) }
```

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

```
.background{ background-color: rgb(174, 88,  
172) }
```

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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