

Converting Colors

XYZ(28.0660, 17.9069, 17.7519)

Have a look what the booklet for
XYZ(28.0660, 17.9069, 17.7519)
contains.

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Color

**XYZ(28.1274, 17.9859,
17.9087)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C34C72 |
| RGB | 195, 76, 114 |
| RGB Percent | 76%, 30%, 45% |
| CMY | 0.2353, 0.7019, 0.5529 |
| CMYK | 0.00, 0.61, 0.42, 0.24 |
| HSL | 341°, 50%, 53% |
| HSV | 341°, 61%, 76% |
| XYZ | 28.1274, 17.9859, 17.9087 |
| YIQ | 115.9130, 58.7260, 37.0460 |

Conversions

Conversions Part 2

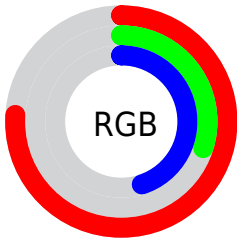
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 76, 114 |
| Decimal | 12799090 |
| CIELab | 49.48, 50.96, 3.31 |
| CIElCh | 49, 51.067, 3.722 |
| Yxy | 17.9859, 0.4393, 0.2809 |
| Android (android.graphics.Color) | 4290989170 (0xFFC34C72) |
| YUV | 115.9130, -0.9431, 69.3593 |
| Hunter-Lab | 42.4098, 44.1692, 4.6500 |

Details

The XYZ color **28.1274, 17.9859, 17.9087** 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 **28.5825, 43.0015, 38.6949**, and the grayscale version is **16.5648, 17.4274, 18.9785**.

A 20% lighter version of the original color is **56.1056, 39.9784, 40.8359**, and **11.4569, 6.0258, 5.7135** is the 20% darker color. If you saturate the color by 10%, you get **26.2801, 15.4141, 13.8319**, and if you desaturate by 10%, it is **30.4924, 21.4176, 22.6994**.

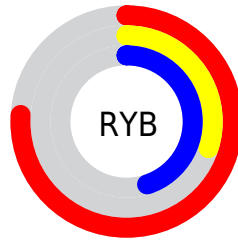
Distribution



Red (76%)

Green (30%)

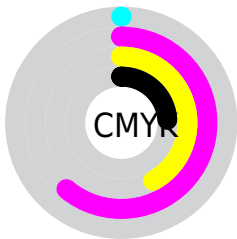
Blue (45%)



Red (76%)

Yellow (30%)

Blue (45%)

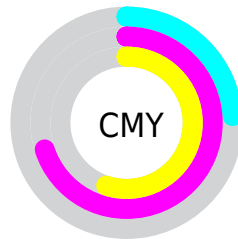


Cyan (0%)

Magenta (61%)

Yellow (42%)

Black (24%)



Cyan (24%)


Magenta (70%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1274, 17.9859, 17.9087 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 28.1274, 17.9859, 17.9087 by changing the saturation by 10% instead.


 28.1274, 17.9859,
17.9087


 28.1274, 17.9859,
17.9087


285.1442,
240.7916, 252.5747


 18.5627, 10.9399,
10.7157


 56.0950, 40.0133,
40.6935


 11.4568, 6.0264,
5.7642


 75.2286, 55.7635,
57.1224


 6.4445, 2.8611,
2.6358


 98.2825, 75.1838,
77.4670

 3.1604, 1.0597,
0.9109

 125.6220, 98.6586,
102.1459

 1.2392, 0.0000,
0.0000

 157.6126,
126.5725, 131.5776

 0.1370, 0.0000,
0.0000

194.6196,

 0.0000, 0.0000,

159.3096, 166.1806

0.0000

237.0084,
197.2545, 206.3734

■ 28.1274, 17.9859,
17.9087

■ 28.1274, 17.9859,
17.9087

■ 26.2801, 15.4141,
13.8319

■ 30.4924, 21.4176,
22.6994

■ 24.9063, 13.6212,
10.4306

■ 33.4114, 25.7748,
28.2374

■ 23.9561, 12.5157,
7.6634

■ 36.9189, 31.1199,
34.5550

■ 23.3824, 11.9528,
5.6699

■ 41.0463, 37.5092,
41.6822

■ 45.8226, 44.9944,
49.6473

■ 51.2748, 53.6241,
58.4772

■ 57.4284, 63.4439,
68.1975

■ 64.3078, 74.4967,
78.8327

■ 71.9359, 86.8234,
90.4065

Harmonies

Analogous

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



26.8383, 17.9859, 33.8629



28.1274, 17.9859, 17.9087



26.0329, 17.9859, 8.2248

Triad

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



28.1274, 17.9859, 17.9087



12.4437, 17.9859, 4.7529



13.3071, 17.9859, 54.3842

Complementary

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



28.1274, 17.9859, 17.9087



28.5825, 43.0015, 38.6949

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.



10.4802, 17.9859, 38.3523



28.1274, 17.9859, 17.9087



10.0515, 17.9859, 10.0168

Square

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



28.1274, 17.9859, 17.9087



16.4998, 17.9859, 3.2336



9.4065, 17.9859, 21.3598



17.7045, 17.9859, 59.8747

Rectangle

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



28.1274, 17.9859, 17.9087



23.1946, 17.9859, 5.0225



9.4065, 17.9859, 21.3598



12.1712, 17.9859, 49.7694

Sweetspot

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



28.1279, 17.9869, 17.9090



75.7433, 70.6577, 78.4152



26.0173, 16.1118, 53.3684



16.0601, 14.6511, 16.2824



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.



28.1279, 17.9869, 17.9090



46.2159, 26.4658, 22.7523



27.9786, 20.4604, 9.3134



10.2028, 10.1297, 11.1583



15.2315, 7.7824, 3.8654



0.6900, 0.3490, 0.3351

Inverse Universe

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



28.1279, 17.9869, 17.9090



46.2159, 26.4658, 22.7523



28.1940, 36.2022, 57.1315



10.2028, 10.1297, 11.1583



15.2315, 7.7824, 3.8654



0.6900, 0.3490, 0.3351

Previews

White Background



This preview shows how the XYZ color 28.1274, 17.9859, 17.9087 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 28.1274, 17.9859, 17.9087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

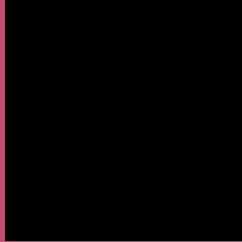
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1274, 17.9859, 17.9087

Background



This preview shows how black text looks on a background with the XYZ color 28.1274, 17.9859, 17.9087.



This preview shows how white text looks on a background with the XYZ color 28.1274, 17.9859,

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

28.1274, 17.9859, 17.9087

Protanopia

17.8882, 18.1350, 26.6023

Deuteranopia

18.3970, 18.1039, 16.7121



Tritanopia

26.6550, 17.9104, 11.0690

Trichromacy



Original Color

28.1274, 17.9859, 17.9087

Protanomaly

20.0415, 16.9274, 22.9799

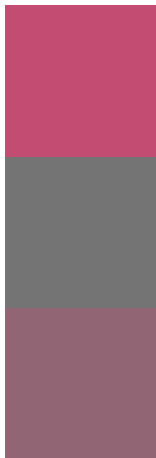
Deuteranomaly

21.0819, 17.3081, 16.9815

Tritanomaly

27.2018, 17.9244, 13.3353

Monochromacy



Original Color

28.1274, 17.9859, 17.9087

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.4252, 16.5649, 18.3932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1274, 17.9859, 17.9087 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(195, 76, 114)` looks like.

```
.text, #text, p{  
  color:rgb(195, 76, 114)  
}
```

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(195, 76, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 76, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.1274, 17.9859, 17.9087 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(195, 76, 114) }
```


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

```
.border{ border-color:rgb(195, 76, 114) }
```

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

Here you see how a box with a 4 pixel rgb(195, 76, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 76, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 76, 114);  
box-shadow:4px 4px 4px 4px rgb(195, 76,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1274, 17.9859, 17.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 76, 114) }
```

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

```
.background{ background-color: rgb(195, 76,  
114) }
```

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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