

Converting Colors

XYZ(27.5489, 17.6993, 19.6859)

Have a look what the booklet for
XYZ(27.5489, 17.6993, 19.6859)
contains.

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Color

**XYZ(27.5299, 17.7402,
19.7425)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BF4D78 |
| RGB | 191, 77, 120 |
| RGB Percent | 75%, 30%, 47% |
| CMY | 0.2510, 0.6980, 0.5294 |
| CMYK | 0.00, 0.60, 0.37, 0.25 |
| HSL | 337°, 47%, 53% |
| HSV | 337°, 60%, 75% |
| XYZ | 27.5299, 17.7402, 19.7425 |
| YIQ | 115.9880, 54.1410, 37.5410 |

Conversions

Conversions Part 2

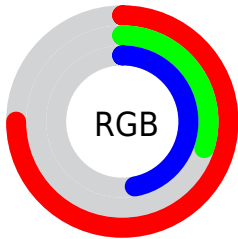
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 191, 77, 120 |
| Decimal | 12537208 |
| CIE _{Lab} | 49.18, 49.87, -0.82 |
| CIE _{LCh} | 49, 49.881, 359.057 |
| Yxy | 17.7402, 0.4235, 0.2729 |
| Android (android.graphics.Color) | 4290727288 (0xFFBF4D78) |
| YUV | 115.9880, 1.9779, 65.7855 |
| Hunter-Lab | 42.1191, 42.9627, 1.6924 |

Details

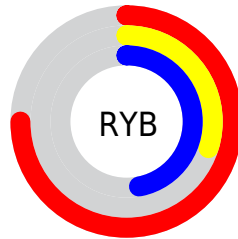
The XYZ color **27.5299, 17.7402, 19.7425** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.0377, 40.9780, 34.5040**, and the grayscale version is **16.5800, 17.4435, 18.9959**.

A 20% lighter version of the original color is **54.9870, 39.5352, 43.7626**, and **11.2017, 5.9371, 6.6865** is the 20% darker color. If you saturate the color by 10%, you get **25.7065, 15.1780, 15.7912**, and if you desaturate by 10%, it is **29.8363, 21.1247, 24.2977**.

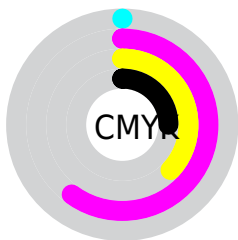
Distribution



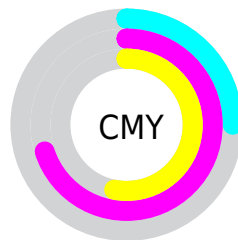
- Red (75%)
- Green (30%)
- Blue (47%)



- Red (75%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (37%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5299, 17.7402, 19.7425 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 27.5299, 17.7402, 19.7425 by changing the saturation by 10% instead.


 27.5299, 17.7402,
19.7425


 27.5299, 17.7402,
19.7425


282.3347,
239.4026, 263.0757


 18.1102, 10.7636,
12.0258


 55.1469, 39.5941,
43.8383


 11.1293, 5.9081,
6.6385


 74.0750, 55.2403,
61.0545


 6.2218, 2.7893,
3.1621


 96.9033, 74.5451,
82.2743

 3.0224, 1.0227,
1.1780

 123.9971, 97.8929,
107.9162

 1.1656, 0.0000,
0.0000

 155.7218,
125.6682, 138.3987

 0.0789, 0.0000,
0.0000

192.4427,

 0.0000, 0.0000,

158.2553, 174.1404

0.0000

234.5252,
196.0386, 215.5599

■ 27.5299, 17.7402,
19.7425

■ 27.5299, 17.7402,
19.7425

■ 25.7065, 15.1780,
15.7912

■ 29.8363, 21.1247,
24.2977

■ 24.3260, 13.3631,
12.4138

■ 32.6584, 25.3923,
29.4826

■ 23.3433, 12.2114,
9.5784

■ 36.0279, 30.6012,
35.3224

■ 22.6757, 11.5629,
7.2389

■ 39.9731, 36.8039,
41.8406

■ 22.6568, 11.5447,
7.1716

■ 44.5205, 44.0488,
49.0594

■ 49.6949, 52.3814,
56.9999

■ 55.5195, 61.8441,
65.6822

■ 62.0165, 72.4775,
75.1257

■ 69.2070, 84.3198,
85.3489

Harmonies

Analogous

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



25.7970, 17.7402, 35.7897



27.5299, 17.7402, 19.7425



25.9937, 17.7402, 9.3233

Triad

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



27.5299, 17.7402, 19.7425



12.8649, 17.7402, 4.4276



12.6523, 17.7402, 50.8407

Complementary

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



27.5299, 17.7402, 19.7425



27.0377, 40.9780, 34.5040

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.



10.1662, 17.7402, 34.6949



27.5299, 17.7402, 19.7425



10.2721, 17.7402, 8.8794

Square

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



27.5299, 17.7402, 19.7425



17.0098, 17.7402, 3.3235



9.3814, 17.7402, 18.8958



16.7141, 17.7402, 58.1360

Rectangle

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



27.5299, 17.7402, 19.7425



23.4582, 17.7402, 5.6733



9.3814, 17.7402, 18.8958



11.6343, 17.7402, 45.9870

Sweetspot

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



27.5304, 17.7411, 19.7428



72.6643, 67.6152, 76.6673



24.1453, 15.3013, 50.9711



15.4652, 14.0701, 16.0403



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.



27.5304, 17.7411, 19.7428



45.0997, 25.9157, 26.0773



26.5077, 18.9763, 9.2881



9.6750, 9.5943, 10.6776



14.9261, 7.6016, 4.9043



0.6167, 0.3106, 0.3607

Inverse Universe

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



27.5304, 17.7411, 19.7428



45.0997, 25.9157, 26.0773



28.3260, 37.0615, 54.9509



9.6750, 9.5943, 10.6776



14.9261, 7.6016, 4.9043



0.6167, 0.3106, 0.3607

Previews

White Background



This preview shows how the XYZ color 27.5299, 17.7402, 19.7425 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 27.5299, 17.7402, 19.7425 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 27.5299, 17.7402, 19.7425

Background



This preview shows how black text looks on a background with the XYZ color 27.5299, 17.7402, 19.7425.



This preview shows how white text looks on a background with the XYZ color 27.5299, 17.7402,

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

27.5299, 17.7402, 19.7425

Protanopia

17.8350, 17.8839, 28.8975

Deuteranopia

18.2605, 17.9954, 18.4306



Tritanopia

25.8827, 17.7266, 11.5086

Trichromacy



Original Color

27.5299, 17.7402, 19.7425

Protanomaly

19.9398, 16.8275, 25.1188

Deuteranomaly

20.7550, 17.2437, 18.7575

Tritanomaly

26.4779, 17.7521, 14.0876

Monochromacy



Original Color

27.5299, 17.7402, 19.7425

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.2899, 16.6267, 19.0222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5299, 17.7402, 19.7425 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(191, 77, 120)` looks like.

```
.text, #text, p{  
  color:rgb(191, 77, 120)  
}
```

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(191, 77, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 77, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.5299, 17.7402, 19.7425 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(191, 77, 120) }
```


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

```
.border{ border-color:rgb(191, 77, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 77, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 77, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 77, 120);  
box-shadow:4px 4px 4px 4px rgb(191, 77,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5299, 17.7402, 19.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 77, 120) }
```

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

```
.background{ background-color: rgb(191, 77,  
120) }
```

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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