

Converting Colors

XYZ(27.7326, 17.9633, 19.1451)

Have a look what the booklet for
XYZ(27.7326, 17.9633, 19.1451)
contains.

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Color

**XYZ(27.7326, 17.9633,
19.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	C04E76
RGB	192, 78, 118
RGB Percent	75%, 31%, 46%
CMY	0.2471, 0.6941, 0.5373
CMYK	0.00, 0.59, 0.39, 0.25
HSL	339°, 47%, 53%
HSV	339°, 59%, 75%
XYZ	27.7326, 17.9633, 19.1451
YIQ	116.6460, 55.1040, 36.6080

Conversions

Conversions Part 2

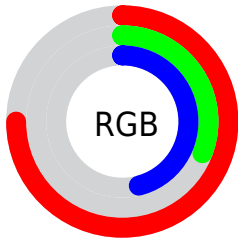
Format	Color
R_{YB}	192, 78, 118
Decimal	12602998
CIE _{Lab}	49.45, 49.51, 0.80
CIE _{LCh}	49, 49.518, 0.928
Yxy	17.9633, 0.4277, 0.2770
Android (android.graphics.Color)	4290793078 (0xFFC04E76)
YUV	116.6460, 0.6675, 66.0855
Hunter-Lab	42.3831, 42.6276, 2.8860

Details

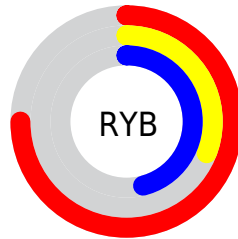
The XYZ color **27.7326, 17.9633, 19.1451** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **27.6601, 41.5864, 36.2777**, and the grayscale version is **16.7860, 17.6601, 19.2319**.

A 20% lighter version of the original color is **55.6518, 40.1003, 42.8372**, and **11.1699, 5.9763, 6.3592** is the 20% darker color. If you saturate the color by 10%, you get **25.8697, 15.3456, 15.1082**, and if you desaturate by 10%, it is **30.0925, 21.4184, 23.8310**.

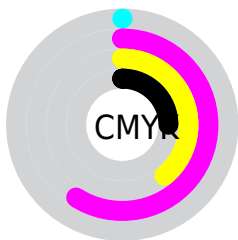
Distribution



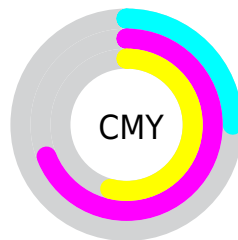
- Red (75%)
- Green (31%)
- Blue (46%)



- Red (75%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (59%)
- Yellow (39%)
- Black (25%)





- Cyan (25%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7326, 17.9633, 19.1451 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 27.7326, 17.9633, 19.1451 by changing the saturation by 10% instead.


 27.7326, 17.9633,
19.1451


 27.7326, 17.9633,
19.1451


283.2903,
240.6641, 259.6980


 18.2636, 10.9236,
11.5973


 55.4689, 39.9748,
42.8191

 11.2402, 6.0155,
6.3509


 74.4669, 55.7154,
59.7824

 6.2971, 2.8545,
2.9874


 97.3719, 75.1251,
80.7212

 3.0690, 1.0563,
1.0882

 124.5494, 98.5883,
106.0542

 1.1903, 0.0000,
0.0000

 156.3646,
126.4894, 136.1998

 0.0987, 0.0000,
0.0000

193.1829,

 0.0000, 0.0000,

159.2128, 171.5766

0.0000

235.3697,
197.1429, 212.6032

■ 27.7326, 17.9633,
19.1451

■ 27.7326, 17.9633,
19.1451

■ 25.8697, 15.3456,
15.1082

■ 30.0925, 21.4184,
23.8310

■ 24.4628, 13.4893,
11.6872

■ 32.9831, 25.7723,
29.1942

■ 23.4661, 12.3095,
8.8471

■ 36.4364, 31.0840,
35.2626

■ 22.7991, 11.6518,
6.5395

■ 40.4819, 37.4067,
42.0620

■ 22.7622, 11.6160,
6.4096

■ 45.1464, 44.7896,
49.6167

■ 50.4554, 53.2785,
57.9500

■ 56.4328, 62.9169,
67.0841

■ 63.1013, 73.7455,
77.0401

■ 70.4826, 85.8032,
87.8386

Harmonies

Analogous

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



26.1982, 17.9633, 34.9274



27.7326, 17.9633, 19.1451



26.0051, 17.9633, 9.0859

Triad

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



27.7326, 17.9633, 19.1451



12.8572, 17.9633, 4.7428



13.0670, 17.9633, 51.7964

Complementary

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



27.7326, 17.9633, 19.1451



27.6601, 41.5864, 36.2777

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.



10.4644, 17.9633, 36.0009



27.7326, 17.9633, 19.1451



10.3597, 17.9633, 9.5259

Square

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



27.7326, 17.9633, 19.1451



16.9284, 17.9633, 3.4580



9.5697, 17.9633, 19.9788



17.2195, 17.9633, 58.2503

Rectangle

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



27.7326, 17.9633, 19.1451



23.3902, 17.9633, 5.6061



9.5697, 17.9633, 19.9788



12.0107, 17.9633, 47.1310

Sweetspot

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



27.7331, 17.9642, 19.1454



74.2114, 69.1334, 77.6296



24.8543, 15.7588, 51.6008



15.4270, 14.0548, 15.8387



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.



27.7331, 17.9642, 19.1454



46.0900, 26.7428, 25.5512



27.0460, 19.6215, 9.5709



10.2159, 10.1350, 11.2273



15.3502, 7.8298, 4.4903



0.6961, 0.3515, 0.3672

Inverse Universe

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



27.7331, 17.9642, 19.1454



46.0900, 26.7428, 25.5512



28.3397, 36.7914, 55.4768



10.2159, 10.1350, 11.2273



15.3502, 7.8298, 4.4903



0.6961, 0.3515, 0.3672

Previews

White Background



This preview shows how the XYZ color 27.7326, 17.9633, 19.1451 looks on a white background.

Color Contrast Check

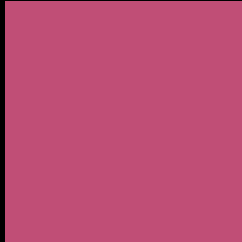
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7326, 17.9633, 19.1451 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 27.7326, 17.9633, 19.1451

Background



This preview shows how black text looks on a background with the XYZ color 27.7326, 17.9633, 19.1451.



This preview shows how white text looks on a background with the XYZ color 27.7326, 17.9633,

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

27.7326, 17.9633, 19.1451

Protanopia

18.0538, 18.1863, 28.1500

Deuteranopia

18.4577, 18.1100, 17.8520



Tritanopia

26.2087, 18.0091, 11.5459

Trichromacy



Original Color

27.7326, 17.9633, 19.1451

Protanomaly

20.2392, 17.1447, 24.4328

Deuteranomaly

21.0174, 17.3923, 18.1689

Tritanomaly

26.8034, 18.0311, 14.1242

Monochromacy



Original Color

27.7326, 17.9633, 19.1451

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.5627, 16.9141, 19.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7326, 17.9633, 19.1451 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, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(192, 78, 118)  
}
```

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, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 78, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.7326, 17.9633, 19.1451 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, 78, 118) }
```


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

```
.border{ border-color:rgb(192, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 78, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 78, 118); box-shadow:4px 4px 4px 4px rgb(192, 78, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7326, 17.9633, 19.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 78, 118) }
```

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

```
.background{ background-color: rgb(192, 78,  
118) }
```

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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