

Converting Colors

XYZ(27.6222, 17.9177, 16.3377)

Have a look what the booklet for
XYZ(27.6222, 17.9177, 16.3377)
contains.

XYZ(27.7328, 18.0222, 16.4850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.7328, 18.0222,
16.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	C24E6D
RGB	194, 78, 109
RGB Percent	76%, 31%, 43%
CMY	0.2392, 0.6941, 0.5725
CMYK	0.00, 0.60, 0.44, 0.24
HSL	344°, 49%, 53%
HSV	344°, 60%, 76%
XYZ	27.7328, 18.0222, 16.4850
YIQ	116.2180, 59.1850, 34.2330

Conversions

Conversions Part 2

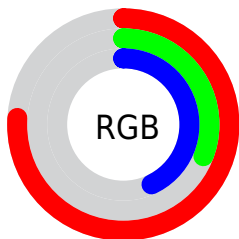
Format	Color
RYB	194, 78, 109
Decimal	12734061
CIELab	49.52, 49.20, 6.38
CIELCh	50, 49.615, 7.382
Yxy	18.0222, 0.4456, 0.2896
Android (android.graphics.Color)	4290924141 (0xFFC24E6D)
YUV	116.2180, -3.5585, 68.2148
Hunter-Lab	42.4526, 42.3159, 6.6936

Details

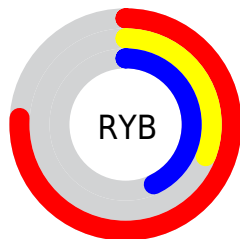
The XYZ color **27.7328, 18.0222, 16.4850** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **29.0455, 42.8480, 41.3926**, and the grayscale version is **16.6659, 17.5338, 19.0943**.

A 20% lighter version of the original color is **55.4695, 40.1114, 38.0764**, and **11.2557, 6.0478, 5.1315** is the 20% darker color. If you saturate the color by 10%, you get **25.8477, 15.3793, 12.3814**, and if you desaturate by 10%, it is **30.1492, 21.5295, 21.3767**.

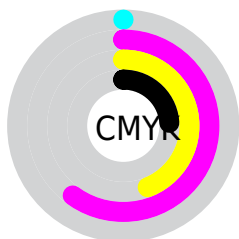
Distribution



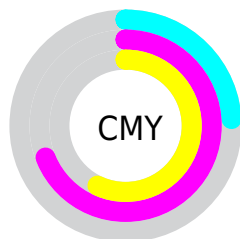
- Red (76%)
- Green (31%)
- Blue (43%)



- Red (76%)
- Yellow (31%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (44%)
- Black (24%)





- Cyan (24%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7328, 18.0222, 16.4850 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 27.7328, 18.0222, 16.4850 by changing the saturation by 10% instead.


 27.7328, 18.0222,
16.4850

 27.7328, 18.0222,
16.4850

283.2912,
240.9961, 244.1295


 18.2638, 10.9659,
9.7099


 55.4692, 40.0752,
38.2166


 11.2404, 6.0439,
5.1040


 74.4673, 55.8406,
54.0102


 6.2972, 2.8718,
2.2486


 97.3724, 75.2779,
73.6471

 3.0690, 1.0652,
0.7022

 124.5499, 98.7715,
97.5458

 1.1904, 0.0000,
0.0000

 156.3652,
126.7057, 126.1249

 0.0987, 0.0000,
0.0000

193.1836,

 0.0000, 0.0000,

159.4650, 159.8028

0.0000

235.3705,
197.4336, 198.9982

■ 27.7328, 18.0222,
16.4850

■ 27.7328, 18.0222,
16.4850

■ 25.8477, 15.3793,
12.3814

■ 30.1492, 21.5295,
21.3767

■ 24.4494, 13.5216,
9.0213

■ 33.1333, 25.9654,
27.0956

■ 23.4886, 12.3603,
6.3567

■ 36.7201, 31.3914,
33.6792

■ 22.8754, 11.7273,
4.3228

■ 40.9412, 37.8626,
41.1621

■ 22.8642, 11.7158,
4.2860

■ 45.8258, 45.4304,
49.5773

■ 51.4015, 54.1425,
58.9559

■ 57.6942, 64.0439,
69.3275

■ 64.7284, 75.1772,
80.7205

■ 72.5274, 87.5829,
93.1622

Harmonies

Analogous

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



26.8874, 18.0222, 31.3403



27.7328, 18.0222, 16.4850



25.3510, 18.0222, 7.7395

Triad

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



27.7328, 18.0222, 16.4850



12.2124, 18.0222, 5.4144



13.8870, 18.0222, 54.4726

Complementary

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



27.7328, 18.0222, 16.4850



29.0455, 42.8480, 41.3926

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.



10.9109, 18.0222, 39.8779



27.7328, 18.0222, 16.4850



10.0745, 18.0222, 11.2648

Square

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



27.7328, 18.0222, 16.4850



15.9956, 18.0222, 3.5290



9.6459, 18.0222, 23.1362



18.3159, 18.0222, 58.0525

Rectangle

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



27.7328, 18.0222, 16.4850



22.4711, 18.0222, 4.9085



9.6459, 18.0222, 23.1362



12.7096, 18.0222, 50.4494

Sweetspot

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



27.7333, 18.0232, 16.4853



75.4292, 70.5320, 76.7607



27.1876, 16.9359, 52.8748



15.9826, 14.6201, 15.8744



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.



27.7333, 18.0232, 16.4853



45.8865, 26.5842, 20.2458



28.4875, 21.7475, 9.9052



10.1813, 10.1211, 11.0451



15.0622, 7.7146, 2.9737



0.6805, 0.3452, 0.2851

Inverse Universe

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



27.7333, 18.0232, 16.4853



45.8865, 26.5842, 20.2458



27.0434, 33.8418, 56.1455



10.1813, 10.1211, 11.0451



15.0622, 7.7146, 2.9737



0.6805, 0.3452, 0.2851

Previews

White Background



This preview shows how the XYZ color 27.7328, 18.0222, 16.4850 looks on a white background.

Color Contrast Check

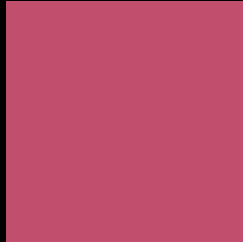
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7328, 18.0222, 16.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

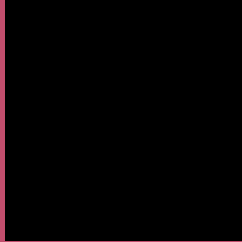
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7328, 18.0222, 16.4850

Background



This preview shows how black text looks on a background with the XYZ color 27.7328, 18.0222, 16.4850.



This preview shows how white text looks on a background with the XYZ color 27.7328, 18.0222,

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

27.7328, 18.0222, 16.4850

Protanopia

17.9113, 18.3775, 24.0759

Deuteranopia

18.5077, 18.1850, 15.6313



Tritanopia

26.7711, 18.0766, 11.3107

Trichromacy



Original Color

27.7328, 18.0222, 16.4850

Protanomaly

20.1025, 17.1503, 20.9897

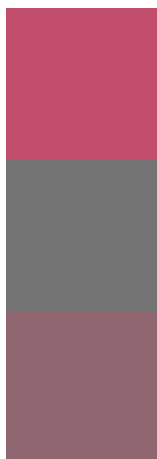
Deuteranomaly

20.9655, 17.4159, 15.8923

Tritanomaly

27.0461, 18.0668, 13.1281

Monochromacy



Original Color

27.7328, 18.0222, 16.4850

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.2336, 16.6243, 17.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7328, 18.0222, 16.4850 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(194, 78, 109)` looks like.

```
.text, #text, p{  
    color:rgb(194, 78, 109)  
}
```

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(194, 78, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 78, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.7328, 18.0222, 16.4850 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(194, 78, 109) }
```


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

```
.border{ border-color:rgb(194, 78, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 78, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 78, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 78, 109);  
box-shadow:4px 4px 4px 4px rgb(194, 78,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7328, 18.0222, 16.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 78, 109) }
```

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

```
.background{ background-color: rgb(194, 78,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor