

Converting Colors

XYZ(27.4485, 16.7841, 14.5257)

Have a look what the booklet for
XYZ(27.4485, 16.7841, 14.5257)
contains.

XYZ(27.4224, 16.7460, 14.6189)	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(27.4224, 16.7460,
14.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	C54267
RGB	197, 66, 103
RGB Percent	77%, 26%, 40%
CMY	0.2275, 0.7411, 0.5961
CMYK	0.00, 0.66, 0.48, 0.23
HSL	343°, 53%, 52%
HSV	343°, 66%, 77%
XYZ	27.4224, 16.7460, 14.6189
YIQ	109.3870, 66.1990, 39.2790

Conversions

Conversions Part 2

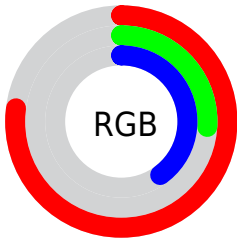
Format	Color
R_{YB}	197, 66, 103
Decimal	12927591
CIE _{Lab}	47.94, 54.79, 7.83
CIE _{LCh}	48, 55.349, 8.130
Yxy	16.7460, 0.4665, 0.2849
Android (android.graphics.Color)	4291117671 (0xFFC54267)
YUV	109.3870, -3.1488, 76.8366
Hunter-Lab	40.9219, 48.0024, 7.4646

Details

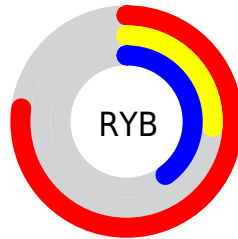
The XYZ color **27.4224, 16.7460, 14.6189** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.5594, 43.6294, 40.1772**, and the grayscale version is **14.6421, 15.4046, 16.7756**.

A 20% lighter version of the original color is **53.9101, 37.2678, 34.9239**, and **11.1950, 5.6888, 4.2494** is the 20% darker color. If you saturate the color by 10%, you get **25.8125, 14.5674, 10.8725**, and if you desaturate by 10%, it is **29.5494, 19.7669, 19.1298**.

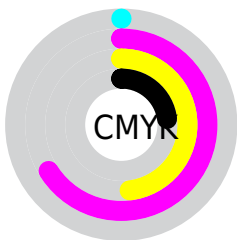
Distribution



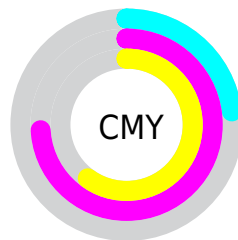
- Red (77%)
- Green (26%)
- Blue (40%)



- Red (77%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (66%)
- Yellow (48%)
- Black (23%)





- Cyan (23%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4224, 16.7460, 14.6189 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 27.4224, 16.7460, 14.6189 by changing the saturation by 10% instead.

 27.4224, 16.7460,
14.6189


 27.4224, 16.7460,
14.6189


281.8269,
233.7044, 232.6086


 18.0289, 10.0536,
8.4087


 54.9761, 37.8885,
34.9160


 11.0706, 5.4345,
4.2661


 73.8670, 53.1074,
49.8400


 6.1820, 2.5044,
1.7724


 96.6544, 71.9373,
68.5057

 2.9978, 0.8788,
0.4097

 123.7037, 94.7624,
91.3317

 1.1526, 0.0000,
0.0000

 155.3803,
121.9673, 118.7364

 0.0684, 0.0000,
0.0000

192.0494,

 0.0000, 0.0000,

153.9364, 151.1384

0.0000

234.0765,
191.0539, 188.9563

■ 27.4224, 16.7460,
14.6189

■ 27.4224, 16.7460,
14.6189

■ 25.8125, 14.5674,
10.8725

■ 29.5494, 19.7669,
19.1298

■ 24.6696, 13.1406,
7.8439

■ 32.2345, 23.7028,
24.4463

■ 23.9323, 12.3528,
5.4802

■ 35.5158, 28.6218,
30.6069

■ 23.7309, 12.1523,
4.7894

■ 39.4276, 34.5846,
37.6477

■ 44.0016, 41.6470,
45.6024

■ 49.2674, 49.8607,
54.5028

■ 55.2525, 59.2744,
64.3794

■ 61.9831, 69.9337,
75.2609

■ 69.4840, 81.8819,
87.1752

Harmonies

Analogous

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



26.5778, 16.7460, 30.4968



27.4224, 16.7460, 14.6189



24.7144, 16.7460, 5.9897

Triad

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



27.4224, 16.7460, 14.6189



10.6993, 16.7460, 4.0388



12.6049, 16.7460, 57.4416

Complementary

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



27.4224, 16.7460, 14.6189



28.5594, 43.6294, 40.1772

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.



9.5021, 16.7460, 40.9914



27.4224, 16.7460, 14.6189



8.5727, 16.7460, 9.7971

Square

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



27.4224, 16.7460, 14.6189



14.5986, 16.7460, 2.3200



8.1856, 16.7460, 22.3997



17.3116, 16.7460, 61.1742

Rectangle

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



27.4224, 16.7460, 14.6189



21.5358, 16.7460, 3.4413



8.1856, 16.7460, 22.3997



11.3712, 16.7460, 52.9160

Sweetspot

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



27.4228, 16.7469, 14.6192



75.5405, 69.5288, 76.0452



26.5010, 15.3903, 54.3972



15.6703, 14.1125, 15.4091



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.



27.4228, 16.7469, 14.6192



45.1632, 24.7234, 16.7500



28.0470, 20.3386, 7.6029



10.7549, 10.6854, 11.6929



15.6401, 8.0056, 3.3148



0.7724, 0.3918, 0.3244

Inverse Universe

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



27.4228, 16.7469, 14.6192



45.1632, 24.7234, 16.7500



26.4424, 33.4239, 57.8812



10.7549, 10.6854, 11.6929



15.6401, 8.0056, 3.3148



0.7724, 0.3918, 0.3244

Previews

White Background



This preview shows how the XYZ color 27.4224, 16.7460, 14.6189 looks on a white background.

Color Contrast Check

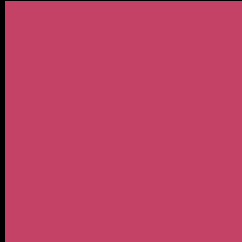
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4224, 16.7460, 14.6189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

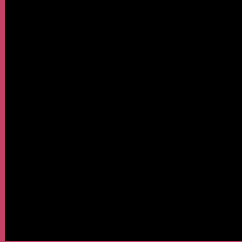
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.4224, 16.7460, 14.6189

Background



This preview shows how black text looks on a background with the XYZ color 27.4224, 16.7460, 14.6189.



This preview shows how white text looks on a background with the XYZ color 27.4224, 16.7460,

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

27.4224, 16.7460, 14.6189

Protanopia

16.6619, 17.0644, 23.1845

Deuteranopia

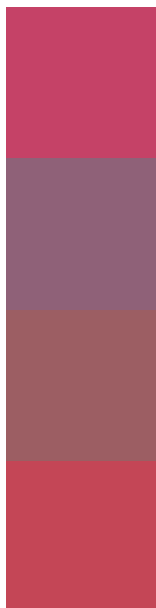
17.2493, 16.9205, 13.6661



Tritanopia

26.1275, 16.7586, 8.6951

Trichromacy



Original Color

27.4224, 16.7460, 14.6189

Protanomaly

18.9926, 15.7451, 19.8074

Deuteranomaly

19.9651, 15.9742, 13.8354

Tritanomaly

26.6348, 16.7880, 10.6407

Monochromacy



Original Color

27.4224, 16.7460, 14.6189

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.5527, 14.5530, 15.7938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4224, 16.7460, 14.6189 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(197, 66, 103)` looks like.

```
.text, #text, p{  
    color:rgb(197, 66, 103)  
}
```

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(197, 66, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 66, 103) }
```

Border

The CSS property to change the border of an element to XYZ 27.4224, 16.7460, 14.6189 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(197, 66, 103) }
```


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

```
.border{ border-color:rgb(197, 66, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 66, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 66, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 66, 103);  
box-shadow:4px 4px 4px 4px rgb(197, 66,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4224, 16.7460, 14.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 66, 103) }
```

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

```
.background{ background-color: rgb(197, 66,  
103) }
```

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