

Converting Colors

XYZ(27.9225, 15.9679, 14.1445)

Have a look what the booklet for
XYZ(27.9225, 15.9679, 14.1445)
contains.

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Color

**XYZ(27.9834, 15.9718,
14.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3466
RGB	202, 52, 102
RGB Percent	79%, 20%, 40%
CMY	0.2078, 0.7960, 0.6000
CMYK	0.00, 0.74, 0.50, 0.21
HSL	340°, 59%, 50%
HSV	340°, 74%, 79%
XYZ	27.9834, 15.9718, 14.1784
YIQ	102.5500, 73.3500, 47.3500

Conversions

Conversions Part 2

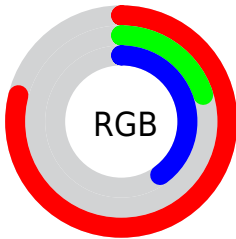
Format	Color
RYB	202, 52, 102
Decimal	13251686
CIELab	46.94, 61.34, 7.14
CIELCh	47, 61.759, 6.639
Yxy	15.9718, 0.4814, 0.2747
Android (android.graphics.Color)	4291441766 (0xFFCA3466)
YUV	102.5500, -0.2711, 87.2177
Hunter-Lab	39.9647, 55.0478, 6.9408

Details

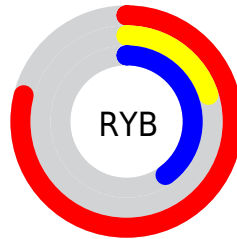
The XYZ color **27.9834, 15.9718, 14.1784** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.2054, 45.2386, 36.9550**, and the grayscale version is **12.7617, 13.4263, 14.6212**.

A 20% lighter version of the original color is **52.6742, 34.9288, 34.1027**, and **11.8691, 6.0363, 4.2809** is the 20% darker color. If you saturate the color by 10%, you get **26.6521, 14.2928, 10.7028**, and if you desaturate by 10%, it is **29.8096, 18.4670, 18.3546**.

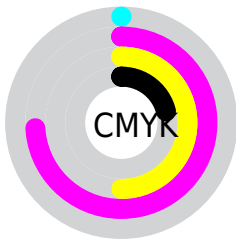
Distribution



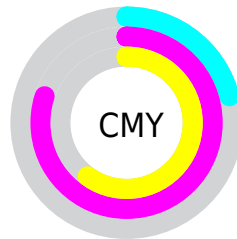
- Red (79%)
- Green (20%)
- Blue (40%)



- Red (79%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (74%)
- Yellow (50%)
- Black (21%)





- Cyan (21%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9834, 15.9718, 14.1784 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 27.9834, 15.9718, 14.1784 by changing the saturation by 10% instead.

 27.9834, 15.9718,
14.1784


 27.9834, 15.9718,
14.1784


284.4691,
229.1753, 229.8047


 18.4535, 9.5042,
8.1047


 55.8668, 36.5492,
34.1269


 11.3777, 5.0715,
4.0733


 74.9510, 51.4279,
48.8388


 6.3907, 2.2893,
1.6656


 97.9507, 69.8790,
67.2671

 3.1270, 0.7680,
0.3370

 125.2312, 92.2869,
89.8305

 1.2213, 0.0000,
0.0000

 157.1580,
119.0361, 116.9474

 0.1231, 0.0000,
0.0000

194.0963,

 0.0000, 0.0000,

150.5110, 149.0364

0.0000

236.4116,
187.0959, 186.5160

■ 27.9834, 15.9718,
14.1784

■ 27.9834, 15.9718,
14.1784

■ 26.6521, 14.2928,
10.7028

■ 29.8096, 18.4670,
18.3546

■ 25.7561, 13.3190,
7.8817

■ 32.1780, 21.8653,
23.2709

■ 25.3800, 12.9657,
6.5265

■ 35.1316, 26.2450,
28.9642

■ 38.7084, 31.6754,
35.4688

■ 42.9431, 38.2194,
42.8163

■ 47.8679, 45.9349,
51.0370

■ 53.5126, 54.8758,
60.1591

■ 59.9055, 65.0925,
70.2099

■ 67.0730, 76.6327,
81.2153

Harmonies

Analogous

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



26.8266, 15.9718, 32.0212



27.9834, 15.9718, 14.1784



25.1122, 15.9718, 5.0077

Triad

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



27.9834, 15.9718, 14.1784



9.7959, 15.9718, 2.7892



11.4296, 15.9718, 61.3724

Complementary

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



27.9834, 15.9718, 14.1784



28.2054, 45.2386, 36.9550

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.



8.2886, 15.9718, 41.8107



27.9834, 15.9718, 14.1784



7.5133, 15.9718, 8.0740

Square

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



27.9834, 15.9718, 14.1784



14.0132, 15.9718, 1.4283



7.0356, 15.9718, 21.0546



16.4113, 15.9718, 66.6999

Rectangle

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



27.9834, 15.9718, 14.1784



21.6256, 15.9718, 2.5113



7.0356, 15.9718, 21.0546



10.1633, 15.9718, 55.8480

Sweetspot

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



27.9838, 15.9727, 14.1787



74.2427, 67.1018, 75.0930



24.8386, 13.3968, 57.1537



15.4313, 13.6465, 15.2930



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.



27.9838, 15.9727, 14.1787



44.1395, 23.0861, 15.1443



27.6316, 18.1134, 5.2899



11.3640, 11.2743, 12.4513



16.3690, 8.3582, 4.3957



0.8796, 0.4453, 0.4119

Inverse Universe

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



27.9838, 15.9727, 14.1787



44.1395, 23.0861, 15.1443



27.7998, 36.4395, 61.4454



11.3640, 11.2743, 12.4513



16.3690, 8.3582, 4.3957



0.8796, 0.4453, 0.4119

Previews

White Background



This preview shows how the XYZ color 27.9834, 15.9718, 14.1784 looks on a white background.

Color Contrast Check

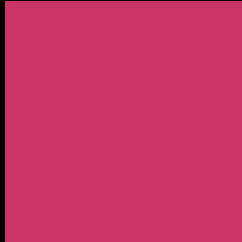
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9834, 15.9718, 14.1784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

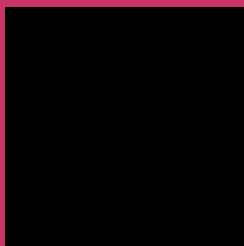
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.9834, 15.9718, 14.1784

Background



This preview shows how black text looks on a background with the XYZ color 27.9834, 15.9718, 14.1784.



This preview shows how white text looks on a background with the XYZ color 27.9834, 15.9718,

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

27.9834, 15.9718, 14.1784

Protanopia

16.0509, 16.2159, 24.8383

Deuteranopia

16.4814, 16.2185, 13.0883



Tritanopia

26.4136, 15.9870, 6.5441

Trichromacy



Original Color

27.9834, 15.9718, 14.1784

Protanomaly

18.3243, 14.4683, 20.2392

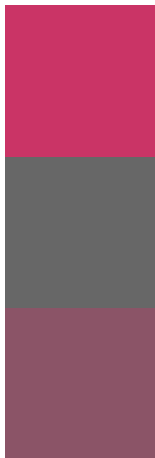
Deuteranomaly

19.4046, 14.9292, 13.4142

Tritanomaly

26.9756, 15.9937, 8.8730

Monochromacy



Original Color

27.9834, 15.9718, 14.1784

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

16.2660, 12.8089, 14.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9834, 15.9718, 14.1784 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(202, 52, 102)` looks like.

```
.text, #text, p{  
    color:rgb(202, 52, 102)  
}
```

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(202, 52, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 52, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.9834, 15.9718, 14.1784 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(202, 52, 102) }
```


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

```
.border{ border-color:rgb(202, 52, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 52, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 52, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 52, 102);  
box-shadow:4px 4px 4px 4px rgb(202, 52,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9834, 15.9718, 14.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 52, 102) }
```

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

```
.background{ background-color: rgb(202, 52,  
102) }
```

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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