

Converting Colors

XYZ(28.3167, 15.6760, 22.0711)

Have a look what the booklet for
XYZ(28.3167, 15.6760, 22.0711)
contains.

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Color

**XYZ(28.2015, 15.5973,
21.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	C62F80
RGB	198, 47, 128
RGB Percent	78%, 18%, 50%
CMY	0.2235, 0.8156, 0.4980
CMYK	0.00, 0.76, 0.35, 0.22
HSL	328°, 62%, 48%
HSV	328°, 76%, 78%
XYZ	28.2015, 15.5973, 21.9463
YIQ	101.3830, 63.9950, 57.2030

Conversions

Conversions Part 2

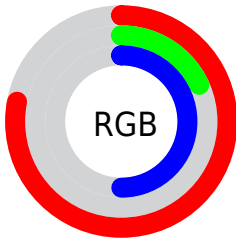
Format	Color
R_{YB}	198, 47, 128
Decimal	12988288
CIE _{Lab}	46.44, 64.34, -9.61
CIE _{LCh}	46, 65.057, 351.509
Yxy	15.5973, 0.4290, 0.2372
Android (android.graphics.Color)	4291178368 (0xFFC62F80)
YUV	101.3830, 13.1222, 84.7331
Hunter-Lab	39.4934, 58.3500, -5.3018

Details

The XYZ color **28.2015, 15.5973, 21.9463** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **24.5783, 42.2774, 23.6976**, and the grayscale version is **12.4253, 13.0724, 14.2359**.

A 20% lighter version of the original color is **54.8382, 35.1116, 47.6030**, and **12.0587, 6.0535, 7.9300** is the 20% darker color. If you saturate the color by 10%, you get **27.0045, 14.1269, 18.6999**, and if you desaturate by 10%, it is **29.8129, 17.8089, 25.6007**.

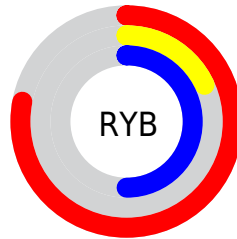
Distribution



Red (78%)

Green (18%)

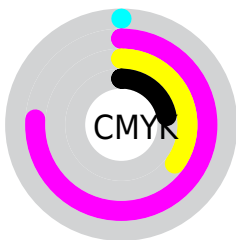
Blue (50%)



Red (78%)

Yellow (18%)

Blue (50%)

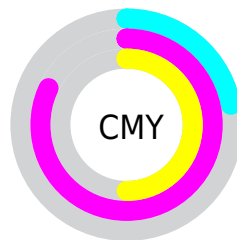


Cyan (0%)

Magenta (76%)

Yellow (35%)

Black (22%)



Cyan (22%)

Magenta (82%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2015, 15.5973, 21.9463 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 28.2015, 15.5973, 21.9463 by changing the saturation by 10% instead.

■ 28.2015, 15.5973,
21.9463

■ 28.2015, 15.5973,
21.9463

285.4912,
226.9536, 275.2101

■ 18.6188, 9.2396,
13.6195

■ 56.2124, 35.8977,
47.5583

■ 11.4976, 4.8978,
7.7208

■ 75.3713, 50.6092,
65.6805

■ 6.4723, 2.1874,
3.8316

■ 98.4530, 68.8741,
87.9050

■ 3.1777, 0.7131,
1.5334

■ 125.8229, 91.0768,
114.6503

■ 1.2484, 0.0000,
0.2426

■ 157.8463,
117.6017, 146.3349

■ 0.1441, 0.0000,
0.0000

194.8886,

■ 0.0000, 0.0000,

148.8332, 183.3774

0.0000

237.3151,
185.1557, 226.1963

■ 28.2015, 15.5973,
21.9463

■ 28.2015, 15.5973,
21.9463

■ 27.0045, 14.1269,
18.6999

■ 29.8129, 17.8089,
25.6007

■ 26.1641, 13.2846,
15.8350

■ 31.8817, 20.8457,
29.6841

■ 25.9010, 13.0507,
14.8459

■ 34.4469, 24.7833,
34.2161

■ 37.5424, 29.6877,
39.2145

■ 41.1992, 35.6187,
44.6956

■ 45.4457, 42.6314,
50.6751

■ 50.3085, 50.7767,
57.1674

■ 55.8123, 60.1026,
64.1867

■ 61.9805, 70.6539,
71.7460

Harmonies

Analogous

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



24.9313, 15.5973, 44.2551



28.2015, 15.5973, 21.9463



27.2440, 15.5973, 8.0109

Triad

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



28.2015, 15.5973, 21.9463



11.2222, 15.5973, 1.4250



9.0901, 15.5973, 54.2754

Complementary

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



28.2015, 15.5973, 21.9463



24.5783, 42.2774, 23.6976

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.



6.9038, 15.5973, 30.9569



28.2015, 15.5973, 21.9463



7.9021, 15.5973, 4.1243

Square

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



28.2015, 15.5973, 21.9463



16.4694, 15.5973, 1.1060



6.5317, 15.5973, 12.8305



13.2935, 15.5973, 69.2578

Rectangle

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



28.2015, 15.5973, 21.9463



24.4201, 15.5973, 3.6593



6.5317, 15.5973, 12.8305



8.1438, 15.5973, 46.6495

Sweetspot

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



28.2020, 15.5982, 21.9466



75.0361, 66.4888, 82.1390



18.2744, 9.7529, 54.3454



15.5034, 13.3168, 16.7776



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.



28.2020, 15.5982, 21.9466



46.7041, 23.8573, 29.4347



24.9847, 14.3113, 5.0049



10.8677, 10.7305, 12.2866



16.8877, 8.5046, 9.8843



0.8359, 0.4172, 0.6593

Inverse Universe

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



28.2020, 15.5982, 21.9466



46.7041, 23.8573, 29.4347



30.7105, 44.7302, 55.9890



10.8677, 10.7305, 12.2866



16.8877, 8.5046, 9.8843



0.8359, 0.4172, 0.6593

Previews

White Background



This preview shows how the XYZ color 28.2015, 15.5973, 21.9463 looks on a white background.

Color Contrast Check

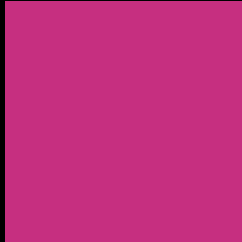
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2015, 15.5973, 21.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

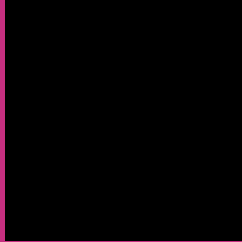
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.2015, 15.5973, 21.9463

Background



This preview shows how black text looks on a background with the XYZ color 28.2015, 15.5973, 21.9463.



This preview shows how white text looks on a background with the XYZ color 28.2015, 15.5973,

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

28.2015, 15.5973, 21.9463

Protanopia

16.8442, 15.9634, 40.2237

Deuteranopia

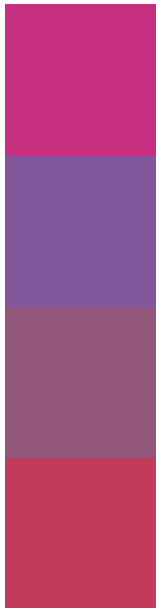
16.0888, 15.8631, 19.9832



Tritanopia

25.1818, 15.6673, 7.1657

Trichromacy



Original Color

28.2015, 15.5973, 21.9463

Protanomaly

18.2974, 13.6893, 32.6883

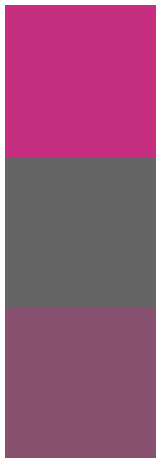
Deuteranomaly

18.7570, 14.1966, 20.4905

Tritanomaly

25.8642, 15.3664, 11.2757

Monochromacy



Original Color

28.2015, 15.5973, 21.9463

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.9650, 12.2668, 16.5652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2015, 15.5973, 21.9463 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(198, 47, 128)` looks like.

```
.text, #text, p{  
    color:rgb(198, 47, 128)  
}
```

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(198, 47, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 47, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.2015, 15.5973, 21.9463 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(198, 47, 128) }
```


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

```
.border{ border-color:rgb(198, 47, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 47, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 47, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 47, 128);  
box-shadow:4px 4px 4px 4px rgb(198, 47,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2015, 15.5973, 21.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 47, 128) }
```

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

```
.background{ background-color: rgb(198, 47,  
128) }
```

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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