

Converting Colors

XYZ(26.8749, 14.4988, 16.7113)

Have a look what the booklet for
XYZ(26.8749, 14.4988, 16.7113)
contains.

XYZ(26.8749, 14.4988, 16.7113)	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(26.8749, 14.4988,
16.7113)**

Conversions

Conversions Part 1

Format	Color
Hex	C62570
RGB	198, 37, 112
RGB Percent	78%, 15%, 44%
CMY	0.2235, 0.8548, 0.5608
CMYK	0.00, 0.81, 0.43, 0.22
HSL	332°, 69%, 46%
HSV	332°, 81%, 78%
XYZ	26.8749, 14.4988, 16.7113
YIQ	93.6890, 71.8810, 57.4570

Conversions

Conversions Part 2

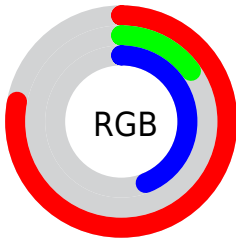
Format	Color
RYB	198, 37, 112
Decimal	12985712
CIELab	44.94, 65.50, -2.01
CIELCh	45, 65.534, 358.240
Yxy	14.4988, 0.4627, 0.2496
Android (android.graphics.Color)	4291175792 (0xFFC62570)
YUV	93.6890, 9.0273, 91.4807
Hunter-Lab	38.0773, 59.3498, 0.6330

Details

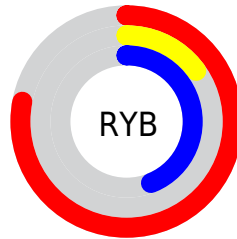
The XYZ color **26.8749, 14.4988, 16.7113** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **24.5335, 42.2120, 25.5981**, and the grayscale version is **10.5351, 11.0838, 12.0702**.

A 20% lighter version of the original color is **52.5945, 33.2477, 38.7674**, and **11.4354, 5.7849, 5.5149** is the 20% darker color. If you saturate the color by 10%, you get **25.8622, 13.3612, 13.6367**, and if you desaturate by 10%, it is **28.2914, 16.3332, 20.2620**.

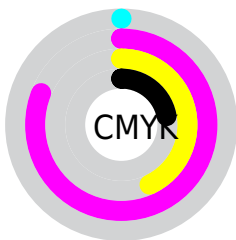
Distribution



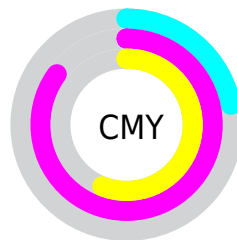
- Red (78%)
- Green (15%)
- Blue (44%)



- Red (78%)
- Yellow (15%)
- Blue (44%)



- Cyan (0%)
- Magenta (81%)
- Yellow (43%)
- Black (22%)





- Cyan (22%)
- Magenta (85%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8749, 14.4988, 16.7113 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 26.8749, 14.4988, 16.7113 by changing the saturation by 10% instead.

 26.8749, 14.4988,
16.7113


 26.8749, 14.4988,
16.7113


279.2295,
220.3122, 245.4905


 17.6154, 8.4684,
9.8691


 54.1044, 33.9715,
38.6126


 10.7722, 4.3961,
5.2078


 72.8050, 48.1826,
54.5087


 5.9800, 1.8975,
2.3088


 95.3835, 65.8893,
74.2599

 2.8735, 0.5469,
0.7362

 122.2050, 87.4762,
98.2846

 1.0872, 0.0000,
0.0000

 153.6350,
113.3275, 127.0016

 0.0144, 0.0000,
0.0000

 190.0389,

 0.0000, 0.0000,

143.8277, 160.8291

0.0000

231.7819,
179.3611, 200.1860

■ 26.8749, 14.4988,
16.7113

■ 26.8749, 14.4988,
16.7113

■ 25.8622, 13.3612,
13.6367

■ 28.2914, 16.3332,
20.2620

■ 25.2303, 12.7824,
11.3148

■ 30.1600, 18.9574,
24.3160

■ 32.5230, 22.4527,
28.8980

■ 35.4173, 26.8894,
34.0306

■ 38.8760, 32.3306,
39.7347

■ 42.9295, 38.8338,
46.0298

■ 47.6058, 46.4523,
52.9345

■ 52.9311, 55.2356,
60.4662

■ 58.9301, 65.2304,
68.6419

Harmonies

Analogous

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



24.5426, 14.4988, 36.9985



26.8749, 14.4988, 16.7113



25.0109, 14.4988, 5.5287

Triad

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



26.8749, 14.4988, 16.7113



9.4537, 14.4988, 1.4435



9.0333, 14.4988, 56.5782

Complementary

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



26.8749, 14.4988, 16.7113



24.5335, 42.2120, 25.5981

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.



6.5448, 14.4988, 34.2951



26.8749, 14.4988, 16.7113



6.7395, 14.4988, 4.7842

Square

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



26.8749, 14.4988, 16.7113



14.0998, 14.4988, 0.8375



5.8283, 14.4988, 14.8969



13.4664, 14.4988, 67.5453

Rectangle

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



26.8749, 14.4988, 16.7113



21.8549, 14.4988, 2.4138



5.8283, 14.4988, 14.8969



7.9894, 14.4988, 49.6640

Sweetspot

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



26.8753, 14.4996, 16.7115



73.7133, 65.0450, 77.9927



19.0053, 9.6029, 54.2778



15.2210, 13.0291, 15.8297



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.



26.8753, 14.4996, 16.7115



44.7774, 22.7635, 20.2847



24.4643, 13.8225, 3.1300



10.8360, 10.7178, 12.1196



16.4504, 8.3297, 7.5814



0.8154, 0.4090, 0.5512

Inverse Universe

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



26.8753, 14.4996, 16.7115



44.7774, 22.7635, 20.2847



29.9455, 42.4489, 60.0411



10.8360, 10.7178, 12.1196



16.4504, 8.3297, 7.5814



0.8154, 0.4090, 0.5512

Previews

White Background



This preview shows how the XYZ color 26.8749, 14.4988, 16.7113 looks on a white background.

Color Contrast Check

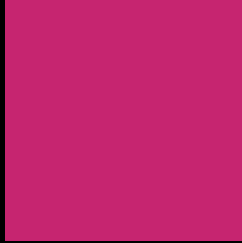
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8749, 14.4988, 16.7113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

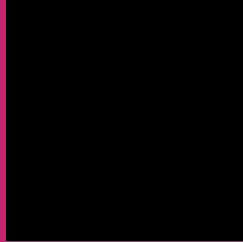
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.8749, 14.4988, 16.7113

Background



This preview shows how black text looks on a background with the XYZ color 26.8749, 14.4988, 16.7113.



This preview shows how white text looks on a background with the XYZ color 26.8749, 14.4988,

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

26.8749, 14.4988, 16.7113

Protanopia

15.3174, 14.8833, 32.2024

Deuteranopia

15.0568, 14.8220, 15.1641



Tritanopia

24.5634, 14.5358, 5.3820

Trichromacy



Original Color

26.8749, 14.4988, 16.7113

Protanomaly

16.8899, 12.5451, 25.5760

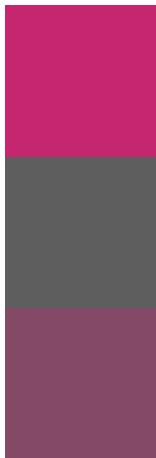
Deuteranomaly

17.7352, 13.0948, 15.5027

Tritanomaly

25.1615, 14.3855, 8.4717

Monochromacy



Original Color

26.8749, 14.4988, 16.7113

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

14.2472, 10.6102, 13.6090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8749, 14.4988, 16.7113 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, 37, 112)` looks like.

```
.text, #text, p{  
    color:rgb(198, 37, 112)  
}
```

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, 37, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 37, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.8749, 14.4988, 16.7113 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, 37, 112) }
```


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

```
.border{ border-color:rgb(198, 37, 112) }
```

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

Here you see how a box with a 4 pixel rgb(198, 37, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 37, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 37, 112);  
box-shadow:4px 4px 4px 4px rgb(198, 37,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8749, 14.4988, 16.7113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 37, 112) }
```

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

```
.background{ background-color: rgb(198, 37,  
112) }
```

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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