

Converting Colors

XYZ(26.5618, 16.8730, 13.6612)

Have a look what the booklet for
XYZ(26.5618, 16.8730, 13.6612)
contains.

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Color

**XYZ(26.5618, 16.8730,
13.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	C14863
RGB	193, 72, 99
RGB Percent	76%, 28%, 39%
CMY	0.2431, 0.7176, 0.6118
CMYK	0.00, 0.63, 0.49, 0.24
HSL	347°, 49%, 52%
HSV	347°, 63%, 76%
XYZ	26.5618, 16.8730, 13.6612
YIQ	111.2570, 63.4490, 34.0490

Conversions

Conversions Part 2

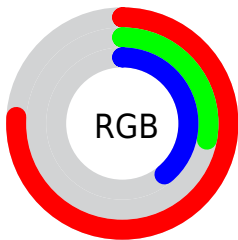
Format	Color
R_{YB}	193, 72, 99
Decimal	12666979
CIE Lab	48.10, 50.60, 10.39
CIE LCh	48, 51.661, 11.605
Yxy	16.8730, 0.4652, 0.2955
Android (android.graphics.Color)	4290857059 (0xFFC14863)
YUV	111.2570, -6.0427, 71.6886
Hunter-Lab	41.0768, 43.5406, 9.0352

Details

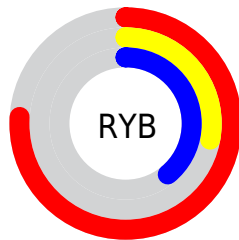
The XYZ color **26.5618, 16.8730, 13.6612** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.6264, 42.2712, 42.7298**, and the grayscale version is **15.1888, 15.9798, 17.4021**.

A 20% lighter version of the original color is **53.4739, 38.0064, 33.3717**, and **10.5392, 5.4556, 3.8657** is the 20% darker color. If you saturate the color by 10%, you get **24.8525, 14.4972, 9.8772**, and if you desaturate by 10%, it is **28.7966, 20.0870, 18.2774**.

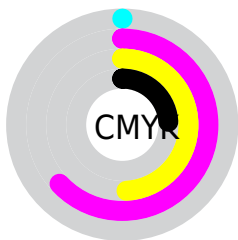
Distribution



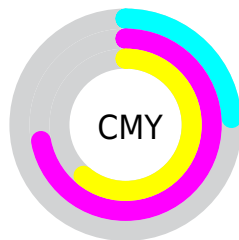
- Red (76%)
- Green (28%)
- Blue (39%)



- Red (76%)
- Yellow (28%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (49%)
- Black (24%)





- Cyan (24%)
- Magenta (72%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5618, 16.8730, 13.6612 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 26.5618, 16.8730, 13.6612 by changing the saturation by 10% instead.


 26.5618, 16.8730,
13.6612


 26.5618, 16.8730,
13.6612


277.7355,
234.4395, 226.4675


 17.3793, 10.1440,
7.7494


 53.6048, 38.1073,
33.1951


 10.6023, 5.4945,
3.8495


 72.1959, 53.3814,
47.6542


 5.8654, 2.5402,
1.5432

 94.6540, 72.2726,
65.7995

 2.8033, 0.8967,
0.2498

 121.3443, 95.1653,
88.0495

 1.0506, 0.0000,
0.0000

 152.6323,
122.4440, 114.8228

 0.0000, 0.0000,
0.0000

188.8832,

154.4929, 146.5378

230.4625,
191.6966, 183.6132

■ 26.5618, 16.8730,
13.6612

■ 26.5618, 16.8730,
13.6612

■ 24.8525, 14.4972,
9.8772

■ 28.7966, 20.0870,
18.2774

■ 23.6220, 12.8777,
6.8728

■ 31.5956, 24.2054,
23.7718

■ 22.8170, 11.9209,
4.5906

■ 34.9953, 29.2910,
30.1880

■ 22.4294, 11.5123,
3.3310

■ 39.0285, 35.4003,
37.5664

■ 43.7258, 42.5851,
45.9448

■ 49.1158, 50.8940,
55.3593

■ 55.2252, 60.3726,
65.8437

■ 62.0795, 71.0637,
77.4306

■ 69.7027, 83.0082,
90.1511

Harmonies

Analogous

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



26.1776, 16.8730, 27.7602



26.5618, 16.8730, 13.6612



23.7482, 16.8730, 6.0253

Triad

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



26.5618, 16.8730, 13.6612



10.7750, 16.8730, 5.0563



13.3627, 16.8730, 55.2662

Complementary

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



26.5618, 16.8730, 13.6612



28.6264, 42.2712, 42.7298

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.



10.2073, 16.8730, 41.3376



26.5618, 16.8730, 13.6612



8.9260, 16.8730, 11.3820

Square

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



26.5618, 16.8730, 13.6612



14.2948, 16.8730, 2.9269



8.7407, 16.8730, 24.0572



17.9159, 16.8730, 56.9283

Rectangle

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



26.5618, 16.8730, 13.6612



20.7069, 16.8730, 3.7500



8.7407, 16.8730, 24.0572



12.1284, 16.8730, 51.6329

Sweetspot

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



26.5622, 16.8739, 13.6615



72.6193, 67.5482, 72.1694



27.4123, 16.4604, 52.1843



15.0816, 13.7323, 14.5887



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5622, 16.8739, 13.6615



43.6505, 24.8080, 15.6617



28.1399, 21.7608, 8.8492



10.1632, 10.1139, 10.9498



14.9435, 7.6672, 2.3487



0.6725, 0.3420, 0.2429

Inverse Universe

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



26.5622, 16.8739, 13.6615



43.6505, 24.8080, 15.6617



24.9972, 30.6255, 55.0458



10.1632, 10.1139, 10.9498



14.9435, 7.6672, 2.3487



0.6725, 0.3420, 0.2429

Previews

White Background



This preview shows how the XYZ color 26.5618, 16.8730, 13.6612 looks on a white background.

Color Contrast Check

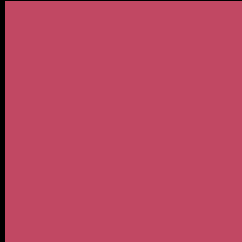
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5618, 16.8730, 13.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

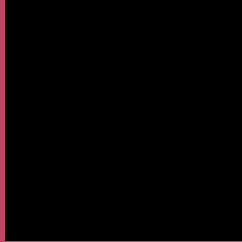
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5618, 16.8730, 13.6612

Background



This preview shows how black text looks on a background with the XYZ color 26.5618, 16.8730, 13.6612.



This preview shows how white text looks on a background with the XYZ color 26.5618, 16.8730,

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

26.5618, 16.8730, 13.6612

Protanopia

16.5387, 17.0599, 20.5104

Deuteranopia

17.2246, 16.9287, 12.7157



Tritanopia

25.7706, 16.9545, 9.5037

Trichromacy



Original Color

26.5618, 16.8730, 13.6612

Protanomaly

18.7702, 15.9556, 17.7132

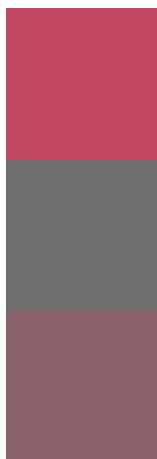
Deuteranomaly

19.7660, 16.1605, 12.9040

Tritanomaly

25.9746, 16.9267, 10.9150

Monochromacy



Original Color

26.5618, 16.8730, 13.6612

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.9130, 15.2736, 15.9139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5618, 16.8730, 13.6612 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(193, 72, 99)` looks like.

```
.text, #text, p{  
    color:rgb(193, 72, 99)  
}
```

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(193, 72, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 72, 99) }
```

Border

The CSS property to change the border of an element to XYZ 26.5618, 16.8730, 13.6612 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(193, 72, 99) }
```


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

```
.border{ border-color:rgb(193, 72, 99) }
```

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

Here you see how a box with a 4 pixel rgb(193, 72, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 72, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 72, 99);  
box-shadow:4px 4px 4px 4px rgb(193, 72,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5618, 16.8730, 13.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 72, 99) }
```

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

```
.background{ background-color: rgb(193, 72,  
99) }
```

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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