

Converting Colors

XYZ(26.4972, 16.0435, 13.2998)

Have a look what the booklet for
XYZ(26.4972, 16.0435, 13.2998)
contains.

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Color

**XYZ(26.4878, 16.0390,
13.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	C33F62
RGB	195, 63, 98
RGB Percent	76%, 25%, 38%
CMY	0.2353, 0.7529, 0.6157
CMYK	0.00, 0.68, 0.50, 0.24
HSL	344°, 52%, 51%
HSV	344°, 68%, 76%
XYZ	26.4878, 16.0390, 13.2550
YIQ	106.4580, 67.4370, 38.8690

Conversions

Conversions Part 2

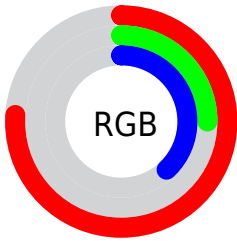
Format	Color
RYB	195, 63, 98
Decimal	12795746
CIELab	47.03, 54.93, 9.54
CIElCh	47, 55.753, 9.856
Yxy	16.0390, 0.4748, 0.2875
Android (android.graphics.Color)	4290985826 (0xFFC33F62)
YUV	106.4580, -4.1698, 77.6513
Hunter-Lab	40.0487, 47.9728, 8.4108

Details

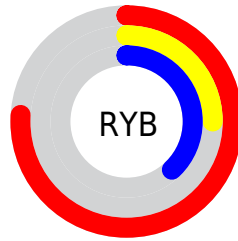
The XYZ color **26.4878, 16.0390, 13.2550** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.9114, 42.6255, 40.0179**, and the grayscale version is **13.8244, 14.5444, 15.8388**.

A 20% lighter version of the original color is **53.1821, 36.5918, 32.2769**, and **10.7732, 5.4822, 3.7392** is the 20% darker color. If you saturate the color by 10%, you get **24.9754, 14.0020, 9.7062**, and if you desaturate by 10%, it is **28.5045, 18.8909, 17.5699**.

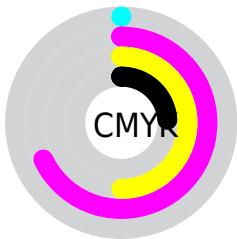
Distribution



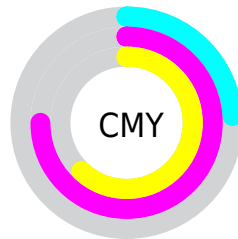
- Red (76%)
- Green (25%)
- Blue (38%)



- Red (76%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (68%)
- Yellow (50%)
- Black (24%)



- Cyan (24%)
- Magenta (75%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4878, 16.0390, 13.2550 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 26.4878, 16.0390, 13.2550 by changing the saturation by 10% instead.

■ 26.4878, 16.0390,
13.2550

■ 26.4878, 16.0390,
13.2550

277.3815,
229.5717, 223.8104

■ 17.3235, 9.5518,
7.4716

■ 53.4866, 36.6659,
32.4590

■ 10.5621, 5.1028,
3.6759

■ 72.0517, 51.5743,
46.7167

■ 5.8383, 2.3077,
1.4493

■ 94.4813, 70.0586,
64.6363

■ 2.7868, 0.7778,
0.1797

■ 121.1405, 92.5032,
86.6362

■ 1.0420, 0.0000,
0.0000

■ 152.3948,
119.2924, 113.1350

■ 0.0000, 0.0000,
0.0000

188.6095,

150.8106, 144.5513

230.1499,
187.4423, 181.3036

■ 26.4878, 16.0390,
13.2550

■ 26.4878, 16.0390,
13.2550

■ 24.9754, 14.0020,
9.7062

■ 28.5045, 18.8909,
17.5699

■ 23.9172, 12.6896,
6.8744

■ 31.0665, 22.6300,
22.6937

■ 23.2443, 11.9759,
4.7020

■ 34.2120, 27.3236,
28.6668

■ 23.1186, 11.8473,
4.2812

■ 37.9752, 33.0318,
35.5266

■ 42.3876, 39.8095,
43.3080

■ 47.4785, 47.7080,
52.0441

■ 53.2755, 56.7750,
61.7665

■ 59.8044, 67.0556,
72.5049

■ 67.0899, 78.5923,
84.2881

Harmonies

Analogous

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



25.8631, 16.0390, 28.4531



26.4878, 16.0390, 13.2550



23.6445, 16.0390, 5.2806

Triad

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



26.4878, 16.0390, 13.2550



9.9860, 16.0390, 3.8890



12.2353, 16.0390, 56.8075

Complementary

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



26.4878, 16.0390, 13.2550



27.9114, 42.6255, 40.0179

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.



9.1149, 16.0390, 40.9751



26.4878, 16.0390, 13.2550



8.0216, 16.0390, 9.7458

Square

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



26.4878, 16.0390, 13.2550



13.6938, 16.0390, 2.1117



7.7410, 16.0390, 22.4806



16.9082, 16.0390, 59.5909

Rectangle

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



26.4878, 16.0390, 13.2550



20.4605, 16.0390, 3.0068



7.7410, 16.0390, 22.4806



11.0003, 16.0390, 52.5478

Sweetspot

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



26.4882, 16.0399, 13.2553



73.7294, 67.9259, 73.7478



26.0860, 14.9493, 53.1402



15.6429, 14.1016, 15.2653



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.



26.4882, 16.0399, 13.2553



43.7706, 23.8534, 14.9133



27.3886, 19.9321, 7.1076



10.1804, 10.1208, 11.0405



15.0560, 7.7122, 2.9412



0.6802, 0.3451, 0.2831

Inverse Universe

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



26.4882, 16.0399, 13.2553



43.7706, 23.8534, 14.9133



25.2124, 31.6204, 56.4041



10.1804, 10.1208, 11.0405



15.0560, 7.7122, 2.9412



0.6802, 0.3451, 0.2831

Previews

White Background



This preview shows how the XYZ color 26.4878, 16.0390, 13.2550 looks on a white background.

Color Contrast Check

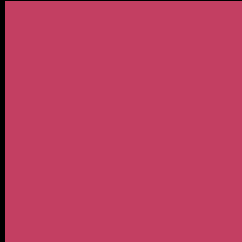
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4878, 16.0390, 13.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

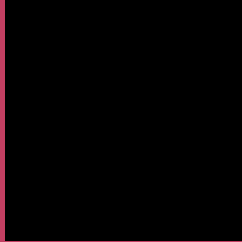
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4878, 16.0390, 13.2550

Background



This preview shows how black text looks on a background with the XYZ color 26.4878, 16.0390, 13.2550.



This preview shows how white text looks on a background with the XYZ color 26.4878, 16.0390,

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

26.4878, 16.0390, 13.2550

Protanopia

15.8781, 16.2036, 21.3595

Deuteranopia

16.5003, 16.2437, 12.3909



Tritanopia

25.2291, 15.9396, 7.8778

Trichromacy



Original Color

26.4878, 16.0390, 13.2550

Protanomaly

18.2525, 14.9940, 18.1518

Deuteranomaly

19.1740, 15.3325, 12.5386

Tritanomaly

25.6816, 15.9598, 9.5116

Monochromacy



Original Color

26.4878, 16.0390, 13.2550

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.5856, 13.6949, 14.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4878, 16.0390, 13.2550 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(195, 63, 98)` looks like.

```
.text, #text, p{  
    color:rgb(195, 63, 98)  
}
```

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(195, 63, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 63, 98) }
```

Border

The CSS property to change the border of an element to XYZ 26.4878, 16.0390, 13.2550 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(195, 63, 98) }
```


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

```
.border{ border-color:rgb(195, 63, 98) }
```

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

Here you see how a box with a 4 pixel rgb(195, 63, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 63, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 63, 98);  
box-shadow:4px 4px 4px 4px rgb(195, 63,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4878, 16.0390, 13.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 63, 98) }
```

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

```
.background{ background-color: rgb(195, 63,  
98) }
```

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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