

Converting Colors

XYZ(26.0927, 13.1291, 15.7780)

Have a look what the booklet for
XYZ(26.0927, 13.1291, 15.7780)
contains.

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Color

**XYZ(26.1032, 13.1316,
15.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	C6006E
RGB	198, 0, 110
RGB Percent	78%, 0%, 43%
CMY	0.2235, 0.9999, 0.5686
CMYK	0.00, 1.00, 0.44, 0.22
HSL	327°, 100%, 39%
HSV	327°, 100%, 78%
XYZ	26.1032, 13.1316, 15.9107
YIQ	71.7420, 82.6980, 76.1860

Conversions

Conversions Part 2

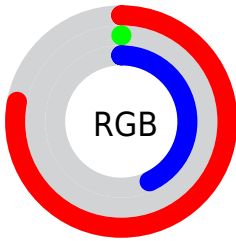
Format	Color
RYB	198, 0, 110
Decimal	12976238
CIELab	42.96, 70.86, -3.69
CIELCh	43, 70.958, 357.022
Yxy	13.1316, 0.4734, 0.2381
Android (android.graphics.Color)	4291166318 (0xFFC6006E)
YUV	71.7420, 18.8612, 110.7283
Hunter-Lab	36.2375, 65.1642, -0.6660

Details

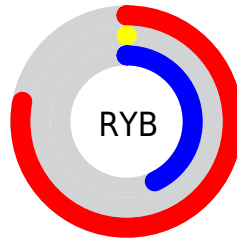
The XYZ color **26.1032, 13.1316, 15.9107** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21.9575, 41.0936, 16.0153**, and the grayscale version is **6.0778, 6.3943, 6.9634**.

A 20% lighter version of the original color is **51.0812, 30.6496, 36.9419**, and **11.3784, 5.7622, 5.2151** is the 20% darker color. If you saturate the color by 10%, you get **26.1022, 13.1312, 15.9059**, and if you desaturate by 10%, it is **26.8539, 13.8275, 18.6441**.

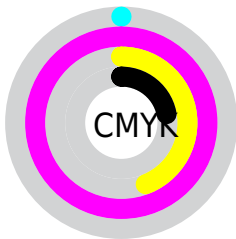
Distribution



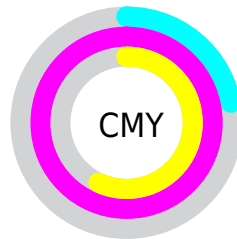
- Red (78%)
- Green (0%)
- Blue (43%)



- Red (78%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1032, 13.1316, 15.9107 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 26.1032, 13.1316, 15.9107 by changing the saturation by 10% instead.

 26.1032, 13.1316,
15.9107


 26.1032, 13.1316,
15.9107


275.5357,
211.7594, 240.6419


 17.0339, 7.5192,
9.3073


 52.8715, 31.5400,
37.2077


 10.3542, 3.7889,
4.8426


 71.3013, 45.1048,
52.7385


 5.6985, 1.5562,
2.0981

 93.5819, 62.0893,
72.0821

 2.7015, 0.3278,
0.6146

 120.0788, 82.8777,
95.6571

 0.9980, 0.0000,
0.0000

 151.1572,
107.8545, 123.8820

 0.0000, 0.0000,
0.0000

 187.1826,

137.4042, 157.1754

228.5204,
171.9110, 195.9559

■ 26.1032, 13.1316,
15.9107

■ 26.1032, 13.1316,
15.9107

■ 26.1022, 13.1312,
15.9059

■ 26.8539, 13.8275,
18.6441

■ 27.9055, 15.0471,
21.7191

■ 29.3480, 16.9680,
25.1722

■ 31.2287, 19.6828,
29.0250

■ 33.5876, 23.2700,
33.2969

■ 36.4601, 27.7984,
38.0052

■ 39.8781, 33.3300,
43.1661

■ 43.8708, 39.9214,
48.7946

■ 48.4652, 47.6248,
54.9048

Harmonies

Analogous

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



23.4657, 13.1316, 37.5717



26.1032, 13.1316, 15.9107



24.3029, 13.1316, 4.5529

Triad

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



26.1032, 13.1316, 15.9107



8.3084, 13.1316, 0.7592



7.6117, 13.1316, 56.9926

Complementary

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



26.1032, 13.1316, 15.9107



21.9575, 41.0936, 16.0153

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.



5.2924, 13.1316, 32.6712



26.1032, 13.1316, 15.9107



5.6049, 13.1316, 3.4086

Square

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



26.1032, 13.1316, 15.9107



13.0323, 13.1316, 0.2243



4.6813, 13.1316, 12.7983



11.9459, 13.1316, 69.8843

Rectangle

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



26.1032, 13.1316, 15.9107



21.0508, 13.1316, 1.6752



4.6813, 13.1316, 12.7983



6.6247, 13.1316, 49.2940

Sweetspot

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



26.1036, 13.1324, 15.9109



70.3104, 58.5202, 75.9919



14.0148, 6.0480, 53.8547



14.4732, 11.5885, 15.4104



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.



26.1036, 13.1324, 15.9109



46.0959, 23.2024, 27.5007



23.3633, 12.0362, 1.4806



10.8763, 10.7339, 12.3320



17.0186, 8.5570, 10.5739



0.8419, 0.4196, 0.6905

Inverse Universe

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



26.1036, 13.1324, 15.9109



46.0959, 23.2024, 27.5007



28.9306, 43.8828, 52.7351



10.8763, 10.7339, 12.3320



17.0186, 8.5570, 10.5739



0.8419, 0.4196, 0.6905

Previews

White Background



This preview shows how the XYZ color 26.1032, 13.1316, 15.9107 looks on a white background.

Color Contrast Check

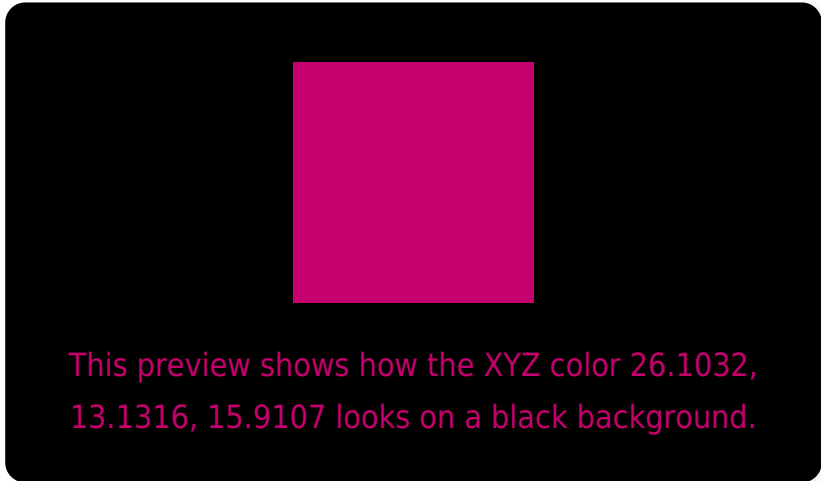
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

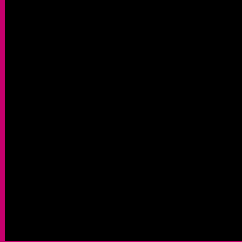
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1032, 13.1316, 15.9107

Background



This preview shows how black text looks on a background with the XYZ color 26.1032, 13.1316, 15.9107.



This preview shows how white text looks on a background with the XYZ color 26.1032, 13.1316,

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

26.1032, 13.1316, 15.9107

Protanopia

14.5791, 13.8562, 34.2539

Deuteranopia

14.0257, 13.7185, 14.4791



Tritanopia

23.8610, 13.5853, 3.7475

Trichromacy



Original Color

26.1032, 13.1316, 15.9107

Protanomaly

15.1555, 10.0637, 26.3430

Deuteranomaly

16.0603, 10.7065, 14.5847

Tritanomaly

24.2236, 12.9836, 6.6982

Monochromacy



Original Color

26.1032, 13.1316, 15.9107

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

10.1279, 6.4774, 9.5206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1032, 13.1316, 15.9107 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, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 110)  
}
```

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, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.1032, 13.1316, 15.9107 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, 0, 110) }
```


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

```
.border{ border-color:rgb(198, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1032, 13.1316, 15.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 110) }
```

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

```
.background{ background-color: rgb(198, 0,  
110) }
```

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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