

Converting Colors

XYZ(26.0987, 13.1573, 14.6452)

Have a look what the booklet for
XYZ(26.0987, 13.1573, 14.6452)
contains.

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Color

**XYZ(26.1030, 13.1620,
14.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	C70069
RGB	199, 0, 105
RGB Percent	78%, 0%, 41%
CMY	0.2196, 0.9999, 0.5882
CMYK	0.00, 1.00, 0.47, 0.22
HSL	328°, 100%, 39%
HSV	328°, 100%, 78%
XYZ	26.1030, 13.1620, 14.5293
YIQ	71.4710, 84.8990, 74.8430

Conversions

Conversions Part 2

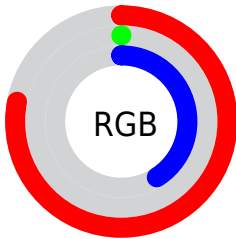
Format	Color
RYB	199, 0, 105
Decimal	13041769
CIELab	43.01, 70.67, -0.47
CIELCh	43, 70.667, 359.622
Yxy	13.1620, 0.4852, 0.2447
Android (android.graphics.Color)	4291231849 (0xFFC70069)
YUV	71.4710, 16.5298, 111.8429
Hunter-Lab	36.2795, 64.9413, 1.6510

Details

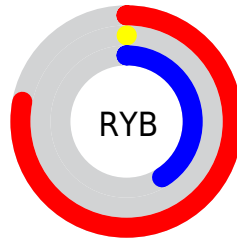
The XYZ color **26.1030, 13.1620, 14.5293** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.4458, 41.6558, 17.4551**, and the grayscale version is **6.0349, 6.3492, 6.9143**.

A 20% lighter version of the original color is **50.6489, 30.4767, 34.6656**, and **11.2450, 5.7088, 4.5122** is the 20% darker color. If you saturate the color by 10%, you get **26.1021, 13.1617, 14.5250**, and if you desaturate by 10%, it is **26.8624, 13.8642, 17.3000**.

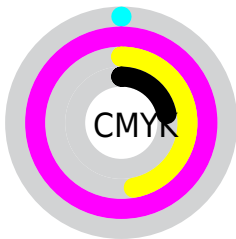
Distribution



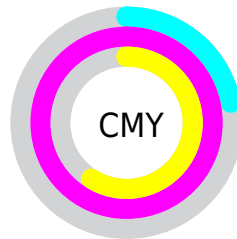
- Red (78%)
- Green (0%)
- Blue (41%)



- Red (78%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1030, 13.1620, 14.5293 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 26.1030, 13.1620, 14.5293 by changing the saturation by 10% instead.

 26.1030, 13.1620,
14.5293


 26.1030, 13.1620,
14.5293


275.5348,
211.9533, 232.0410


 17.0338, 7.5402,
8.3468


 52.8712, 31.5945,
34.7558


 10.3540, 3.8022,
4.2267


 71.3009, 45.1740,
49.6369


 5.6984, 1.5635,
1.7505

 93.5814, 62.1749,
68.2546

 2.7015, 0.3328,
0.3950

 120.0782, 82.9815,
91.0274

 0.9979, 0.0000,
0.0000

 151.1566,
107.9782, 118.3740

 0.0000, 0.0000,
0.0000

 187.1819,

137.5495, 150.7127

228.5195,
172.0798, 188.4622

■ 26.1030, 13.1620,
14.5293

■ 26.1030, 13.1620,
14.5293

■ 26.1021, 13.1617,
14.5250

■ 26.8624, 13.8642,
17.3000

■ 27.9321, 15.0988,
20.4458

■ 29.4030, 17.0452,
24.0050

■ 31.3233, 19.7973,
28.0010

■ 33.7340, 23.4347,
32.4546

■ 36.6711, 28.0271,
37.3850

■ 40.1670, 33.6375,
42.8095

■ 44.2516, 40.3231,
48.7447

■ 48.9524, 48.1371,
55.2060

Harmonies

Analogous

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



23.8347, 13.1620, 35.3599



26.1030, 13.1620, 14.5293



23.9407, 13.1620, 4.0581

Triad

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



26.1030, 13.1620, 14.5293



8.0314, 13.1620, 0.8891



7.9430, 13.1620, 58.6179

Complementary

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



26.1030, 13.1620, 14.5293



22.4458, 41.6558, 17.4551

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.



5.4584, 13.1620, 34.7399



26.1030, 13.1620, 14.5293



5.4981, 13.1620, 3.9126

Square

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



26.1030, 13.1620, 14.5293



12.5791, 13.1620, 0.2435



4.7115, 13.1620, 14.1349



12.4414, 13.1620, 69.7405

Rectangle

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



26.1030, 13.1620, 14.5293



20.5544, 13.1620, 1.4960



4.7115, 13.1620, 14.1349



6.8977, 13.1620, 51.2425

Sweetspot

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



26.1034, 13.1628, 14.5295



70.0276, 58.4071, 74.5028



14.8117, 6.4454, 54.4962



14.4062, 11.5617, 15.0576



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.



26.1034, 13.1628, 14.5295



45.5799, 22.9960, 24.7838



23.5901, 12.1575, 1.2947



10.8637, 10.7289, 12.2657



16.8289, 8.4811, 9.5747



0.8333, 0.4161, 0.6451

Inverse Universe

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



26.1034, 13.1628, 14.5295



45.5799, 22.9960, 24.7838



29.9791, 44.6691, 57.1250



10.8637, 10.7289, 12.2657



16.8289, 8.4811, 9.5747



0.8333, 0.4161, 0.6451

Previews

White Background



This preview shows how the XYZ color 26.1030, 13.1620, 14.5293 looks on a white background.

Color Contrast Check

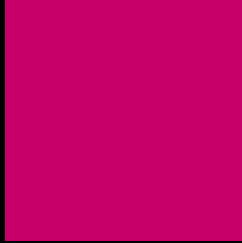
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1030, 13.1620, 14.5293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

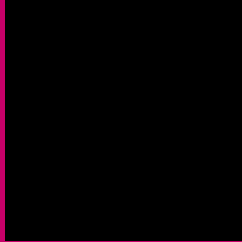
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1030, 13.1620, 14.5293

Background



This preview shows how black text looks on a background with the XYZ color 26.1030, 13.1620, 14.5293.



This preview shows how white text looks on a background with the XYZ color 26.1030, 13.1620,

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

26.1030, 13.1620, 14.5293

Protanopia

14.3618, 13.8118, 31.1872

Deuteranopia

14.0510, 13.7593, 13.2245



Tritanopia

24.0108, 13.5589, 3.5421

Trichromacy



Original Color

26.1030, 13.1620, 14.5293

Protanomaly

15.0955, 10.0910, 23.7064

Deuteranomaly

16.1663, 10.7899, 13.2872

Tritanomaly

24.3720, 13.0358, 6.2326

Monochromacy



Original Color

26.1030, 13.1620, 14.5293

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.9709, 6.3529, 8.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1030, 13.1620, 14.5293 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(199, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 105)  
}
```

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(199, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 105) }
```

Border

The CSS property to change the border of an element to XYZ 26.1030, 13.1620, 14.5293 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(199, 0, 105) }
```


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

```
.border{ border-color:rgb(199, 0, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1030, 13.1620, 14.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 105) }
```

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

```
.background{ background-color: rgb(199, 0,  
105) }
```

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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