

Converting Colors

XYZ(26.5530, 13.3390, 17.0377)

Have a look what the booklet for
XYZ(26.5530, 13.3390, 17.0377)
contains.

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Color

**XYZ(26.5905, 13.3570,
17.0963)**

Conversions

Conversions Part 1

Format	Color
Hex	C70072
RGB	199, 0, 114
RGB Percent	78%, 0%, 45%
CMY	0.2196, 0.9999, 0.5529
CMYK	0.00, 1.00, 0.43, 0.22
HSL	326°, 100%, 39%
HSV	326°, 100%, 78%
XYZ	26.5905, 13.3570, 17.0963
YIQ	72.4970, 82.0100, 77.6420

Conversions

Conversions Part 2

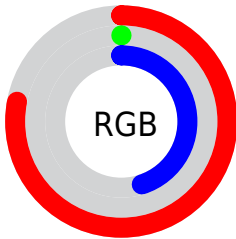
Format	Color
RYB	199, 0, 114
Decimal	13041778
CIELab	43.30, 71.43, -5.66
CIELCh	43, 71.650, 355.467
Yxy	13.3570, 0.4661, 0.2342
Android (android.graphics.Color)	4291231858 (0xFFC70072)
YUV	72.4970, 20.4610, 110.9431
Hunter-Lab	36.5472, 65.9128, -2.1520

Details

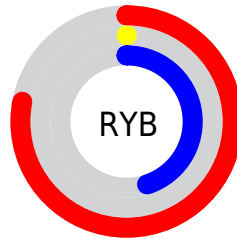
The XYZ color **26.5905, 13.3570, 17.0963** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.0649, 41.5035, 15.4493**, and the grayscale version is **6.2043, 6.5274, 7.1084**.

A 20% lighter version of the original color is **51.5311, 30.8296, 39.3111**, and **11.6308, 5.8823, 5.6766** is the 20% darker color. If you saturate the color by 10%, you get **26.5897, 13.3567, 17.0921**, and if you desaturate by 10%, it is **27.3462, 14.0577, 19.8479**.

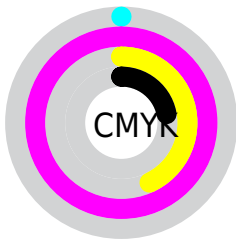
Distribution



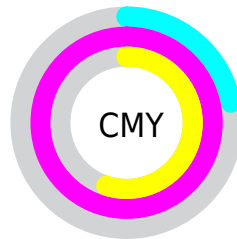
- Red (78%)
- Green (0%)
- Blue (45%)



- Red (78%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5905, 13.3570, 17.0963 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 26.5905, 13.3570, 17.0963 by changing the saturation by 10% instead.

 26.5905, 13.3570,
17.0963


 26.5905, 13.3570,
17.0963


277.8727,
213.1931, 247.7894


 17.4009, 7.6748,
10.1405


 53.6506, 31.9437,
39.2842


 10.6178, 3.8876,
5.3854


 72.2518, 45.6170,
55.3534


 5.8759, 1.6109,
2.4124

 94.7209, 62.7228,
75.2974

 2.8097, 0.3649,
0.7932

 121.4233, 83.6455,
99.5348

 1.0539, 0.0000,
0.0000

 152.7243,
108.7695, 128.4842

 0.0000, 0.0000,
0.0000

 188.9893,

138.4791, 162.5641

230.5837,
173.1589, 202.1930

■ 26.5905, 13.3570,
17.0963

■ 26.5905, 13.3570,
17.0963

■ 26.5897, 13.3567,
17.0921

■ 27.3462, 14.0577,
19.8479

■ 28.4034, 15.2873,
22.9276

■ 29.8523, 17.2249,
26.3712

■ 31.7409, 19.9643,
30.2000

■ 34.1096, 23.5848,
34.4328

■ 36.9941, 28.1562,
39.0864

■ 40.4266, 33.7411,
44.1765

■ 44.4363, 40.3968,
49.7176

■ 49.0506, 48.1762,
55.7234

Harmonies

Analogous

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



23.6788, 13.3570, 39.6760



26.5905, 13.3570, 17.0963



24.9804, 13.3570, 4.9594

Triad

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



26.5905, 13.3570, 17.0963



8.6356, 13.3570, 0.6964



7.5538, 13.3570, 57.0764

Complementary

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



26.5905, 13.3570, 17.0963



22.0649, 41.5035, 15.4493

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.



5.2898, 13.3570, 32.0524



26.5905, 13.3570, 17.0963



5.7746, 13.3570, 3.1842

Square

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



26.5905, 13.3570, 17.0963



13.5580, 13.3570, 0.2253



4.7492, 13.3570, 12.2584



11.8702, 13.3570, 71.2818

Rectangle

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



26.5905, 13.3570, 17.0963



21.7520, 13.3570, 1.8224



4.7492, 13.3570, 12.2584



6.5832, 13.3570, 49.0445

Sweetspot

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



26.5909, 13.3578, 17.0965



70.4876, 58.5912, 76.9255



13.8709, 5.9604, 54.4523



14.5153, 11.6053, 15.6320



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.



26.5909, 13.3578, 17.0965



46.4332, 23.3373, 29.2768



23.6518, 12.1821, 1.6194



10.8842, 10.7371, 12.3733



17.1424, 8.6065, 11.2254



0.8474, 0.4218, 0.7197

Inverse Universe

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



26.5909, 13.3578, 17.0965



46.4332, 23.3373, 29.2768



28.9108, 44.2419, 51.4995



10.8842, 10.7371, 12.3733



17.1424, 8.6065, 11.2254



0.8474, 0.4218, 0.7197

Previews

White Background



This preview shows how the XYZ color 26.5905, 13.3570, 17.0963 looks on a white background.

Color Contrast Check

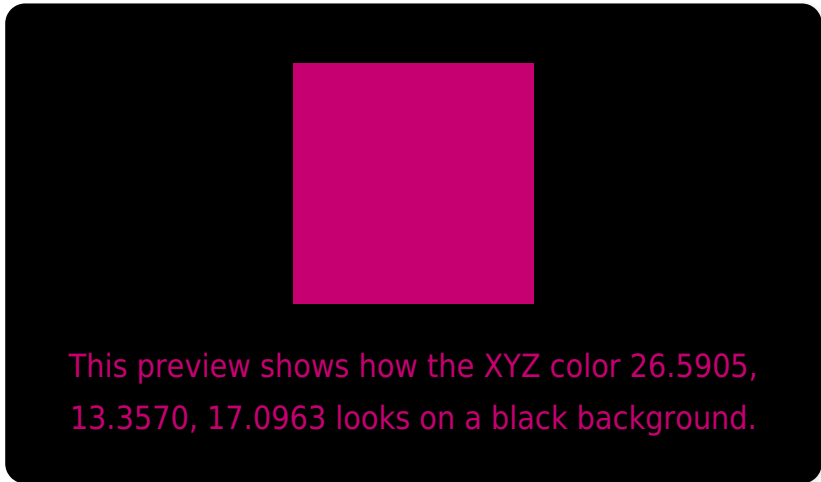
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5905, 13.3570, 17.0963

Background



This preview shows how black text looks on a background with the XYZ color 26.5905, 13.3570, 17.0963.



This preview shows how white text looks on a background with the XYZ color 26.5905, 13.3570,

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

26.5905, 13.3570, 17.0963

Protanopia

15.0308, 14.1747, 37.0657

Deuteranopia

14.1429, 13.9047, 15.3031



Tritanopia

23.9372, 13.6761, 3.9629

Trichromacy



Original Color

26.5905, 13.3570, 17.0963

Protanomaly

15.5940, 10.3317, 28.3665

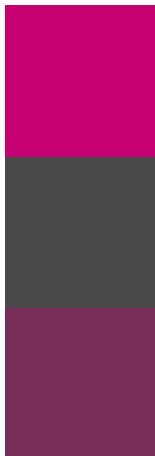
Deuteranomaly

16.2172, 10.7692, 15.4113

Tritanomaly

24.3416, 13.0694, 7.2009

Monochromacy



Original Color

26.5905, 13.3570, 17.0963

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.3462, 6.5805, 9.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5905, 13.3570, 17.0963 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 114) }
```

Border

The CSS property to change the border of an element to XYZ 26.5905, 13.3570, 17.0963 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, 114) }
```


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

```
.border{ border-color:rgb(199, 0, 114) }
```

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, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 114);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5905, 13.3570, 17.0963 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, 114) }
```

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

```
.background{ background-color: rgb(199, 0,  
114) }
```

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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