

Converting Colors

XYZ(24.6438, 9.7734, 16.4988)

Have a look what the booklet for
XYZ(24.6438, 9.7734, 16.4988)
contains.

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Color

**XYZ(26.3260, 13.2207,
17.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	C60072
RGB	198, 0, 114
RGB Percent	78%, 0%, 45%
CMY	0.2235, 0.9999, 0.5529
CMYK	0.00, 1.00, 0.42, 0.22
HSL	325°, 100%, 39%
HSV	325°, 100%, 78%
XYZ	26.3260, 13.2207, 17.0839
YIQ	72.1980, 81.4140, 77.4300

Conversions

Conversions Part 2

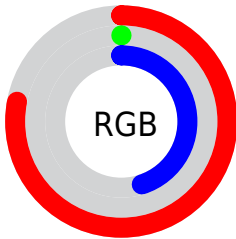
Format	Color
RYB	198, 0, 114
Decimal	12976242
CIELab	43.09, 71.21, -5.99
CIELCh	43, 71.462, 355.196
Yxy	13.2207, 0.4649, 0.2335
Android (android.graphics.Color)	4291166322 (0xFFC60072)
YUV	72.1980, 20.6084, 110.3284
Hunter-Lab	36.3603, 65.6092, -2.4052

Details

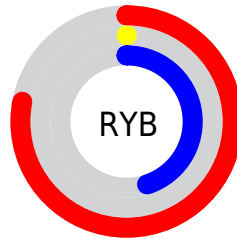
The XYZ color **26.3260, 13.2207, 17.0839** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21.7962, 41.0291, 15.1656**, and the grayscale version is **6.1530, 6.4734, 7.0495**.

A 20% lighter version of the original color is **51.5311, 30.8296, 39.3111**, and **11.4646, 5.7966, 5.6689** is the 20% darker color. If you saturate the color by 10%, you get **26.3251, 13.2203, 17.0793**, and if you desaturate by 10%, it is **27.0738, 13.9155, 19.8021**.

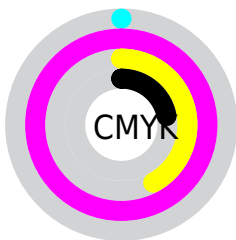
Distribution



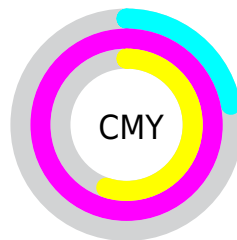
- Red (78%)
- Green (0%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (22%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3260, 13.2207, 17.0839 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 26.3260, 13.2207, 17.0839 by changing the saturation by 10% instead.


 26.3260, 13.2207,
17.0839


 26.3260, 13.2207,
17.0839


276.6062,
212.3273, 247.7157


 17.2016, 7.5807,
10.1317


 53.2280, 31.6997,
39.2626


 10.4746, 3.8278,
5.3796


 71.7363, 45.3075,
55.3262


 5.7794, 1.5777,
2.4091

 94.1033, 62.3400,
75.2641

 2.7508, 0.3425,
0.7914

 120.6943, 83.1817,
99.4947

 1.0234, 0.0000,
0.0000

 151.8748,
108.2168, 128.4366

 0.0000, 0.0000,
0.0000

 188.0100,

137.8299, 162.5084

229.4654,
172.4052, 202.1286

■ 26.3260, 13.2207,
17.0839

■ 26.3260, 13.2207,
17.0839

■ 26.3251, 13.2203,
17.0793

■ 27.0738, 13.9155,
19.8021

■ 28.1187, 15.1323,
22.8417

■ 29.5504, 17.0488,
26.2379

■ 31.4160, 19.7576,
30.0117

■ 33.7554, 23.3369,
34.1814

■ 36.6040, 27.8557,
38.7636

■ 39.9933, 33.3757,
43.7736

■ 43.9525, 39.9536,
49.2257

■ 48.5083, 47.6416,
55.1334

Harmonies

Analogous

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



23.4043, 13.2207, 39.5286



26.3260, 13.2207, 17.0839



24.7710, 13.2207, 4.9674

Triad

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



26.3260, 13.2207, 17.0839



8.5798, 13.2207, 0.6738



7.4443, 13.2207, 56.3395

Complementary

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



26.3260, 13.2207, 17.0839



21.7962, 41.0291, 15.1656

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.



5.2197, 13.2207, 31.5231



26.3260, 13.2207, 17.0839



5.7286, 13.2207, 3.1041

Square

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



26.3260, 13.2207, 17.0839



13.4727, 13.2207, 0.2160



4.6986, 13.2207, 12.0043



11.7007, 13.2207, 70.5890

Rectangle

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



26.3260, 13.2207, 17.0839



21.5894, 13.2207, 1.8249



4.6986, 13.2207, 12.0043



6.4893, 13.2207, 48.3552

Sweetspot

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



26.3264, 13.2215, 17.0841



70.5173, 58.6030, 77.0819



13.7186, 5.8953, 53.8409



14.5223, 11.6082, 15.6692



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.



26.3264, 13.2215, 17.0841



46.4907, 23.3603, 29.5796



23.3867, 12.0456, 1.6038



10.8855, 10.7376, 12.3802



17.1634, 8.6149, 11.3364



0.8484, 0.4222, 0.7246

Inverse Universe

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



26.3264, 13.2215, 17.0841



46.4907, 23.3603, 29.5796



28.5868, 43.7453, 50.9242



10.8855, 10.7376, 12.3802



17.1634, 8.6149, 11.3364



0.8484, 0.4222, 0.7246

Previews

White Background



This preview shows how the XYZ color 26.3260, 13.2207, 17.0839 looks on a white background.

Color Contrast Check

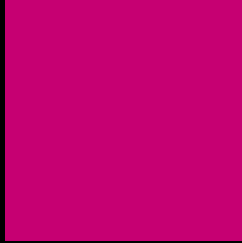
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3260, 13.2207, 17.0839 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 26.3260, 13.2207, 17.0839

Background



This preview shows how black text looks on a background with the XYZ color 26.3260, 13.2207, 17.0839.



This preview shows how white text looks on a background with the XYZ color 26.3260, 13.2207,

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

26.3260, 13.2207, 17.0839

Protanopia

14.8456, 13.9324, 37.0287

Deuteranopia

14.0653, 13.8587, 15.5693



Tritanopia

23.6797, 13.5434, 3.9508

Trichromacy



Original Color

26.3260, 13.2207, 17.0839

Protanomaly

15.3908, 10.1410, 28.3404

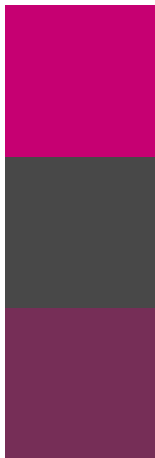
Deuteranomaly

16.0953, 10.7002, 15.6850

Tritanomaly

24.0824, 12.9358, 7.1888

Monochromacy



Original Color

26.3260, 13.2207, 17.0839

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

10.1685, 6.4937, 9.7343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3260, 13.2207, 17.0839 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 0, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 114) }
```

Border

The CSS property to change the border of an element to XYZ 26.3260, 13.2207, 17.0839 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, 114) }
```


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

```
.border{ border-color:rgb(198, 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(198, 0, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 114);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3260, 13.2207, 17.0839 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, 114) }
```

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

```
.background{ background-color: rgb(198, 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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