

Converting Colors

XYZ(26.4960, 12.9272, 18.3474)

Have a look what the booklet for
XYZ(26.4960, 12.9272, 18.3474)
contains.

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Color

**XYZ(26.8232, 13.4501,
18.3219)**

Conversions

Conversions Part 1

Format	Color
Hex	C70076
RGB	199, 0, 118
RGB Percent	78%, 0%, 46%
CMY	0.2196, 0.9999, 0.5373
CMYK	0.00, 1.00, 0.41, 0.22
HSL	324°, 100%, 39%
HSV	324°, 100%, 78%
XYZ	26.8232, 13.4501, 18.3219
YIQ	72.9530, 80.7260, 78.8860

Conversions

Conversions Part 2

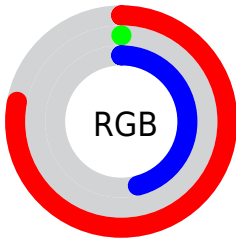
Format	Color
RYB	199, 0, 118
Decimal	13041782
CIELab	43.43, 71.78, -7.94
CIELCh	43, 72.223, 353.685
Yxy	13.4501, 0.4578, 0.2295
Android (android.graphics.Color)	4291231862 (0xFFC70076)
YUV	72.9530, 22.2082, 110.5432
Hunter-Lab	36.6744, 66.3726, -3.9482

Details

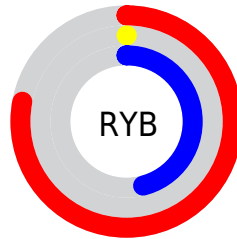
The XYZ color **26.8232, 13.4501, 18.3219** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21.9104, 41.4417, 14.6356**, and the grayscale version is **6.2806, 6.6077, 7.1958**.

A 20% lighter version of the original color is **51.9039, 30.9787, 41.2741**, and **11.7530, 5.9312, 6.3197** is the 20% darker color. If you saturate the color by 10%, you get **26.8224, 13.4498, 18.3175**, and if you desaturate by 10%, it is **27.5746, 14.1491, 21.0507**.

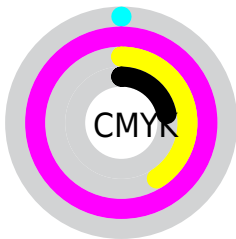
Distribution



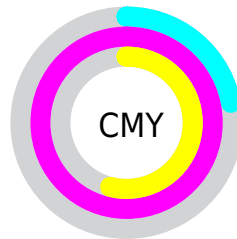
- Red (78%)
- Green (0%)
- Blue (46%)



- Red (78%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8232, 13.4501, 18.3219 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 26.8232, 13.4501, 18.3219 by changing the saturation by 10% instead.

 26.8232, 13.4501,
18.3219


 26.8232, 13.4501,
18.3219


278.9832,
213.7825, 254.9760


 17.5764, 7.7392,
11.0095


 54.0219, 32.1101,
41.4064


 10.7441, 3.9285,
5.9590


 72.7045, 45.8279,
58.0156


 5.9611, 1.6337,
2.7518


 95.2631, 62.9836,
78.5608

 2.8619, 0.3801,
0.9693

 122.0631, 83.9614,
103.4606

 1.0811, 0.0000,
0.0000

 153.4697,
109.1459, 133.1334

 0.0092, 0.0000,
0.0000

 189.8484,

 0.0000, 0.0000,

138.9212, 167.9979

0.0000

231.5644,
173.6720, 208.4726

■ 26.8232, 13.4501,
18.3219

■ 26.8232, 13.4501,
18.3219

■ 26.8224, 13.4498,
18.3175

■ 27.5746, 14.1491,
21.0507

■ 28.6237, 15.3755,
24.0877

■ 30.0606, 17.3083,
27.4676

■ 31.9329, 20.0412,
31.2111

■ 34.2812, 23.6536,
35.3359

■ 37.1408, 28.2151,
39.8583

■ 40.5438, 33.7882,
44.7931

■ 44.5194, 40.4303,
50.1543

■ 49.0947, 48.1941,
55.9547

Harmonies

Analogous

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



23.6251, 13.4501, 41.7032



26.8232, 13.4501, 18.3219



25.4618, 13.4501, 5.3953

Triad

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



26.8232, 13.4501, 18.3219



8.9139, 13.4501, 0.6115



7.3902, 13.4501, 56.4486

Complementary

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



26.8232, 13.4501, 18.3219



21.9104, 41.4417, 14.6356

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.



5.2187, 13.4501, 30.9381



26.8232, 13.4501, 18.3219



5.9010, 13.4501, 2.8959

Square

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



26.8232, 13.4501, 18.3219



14.0105, 13.4501, 0.2168



4.7673, 13.4501, 11.4960



11.6311, 13.4501, 72.0179

Rectangle

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



26.8232, 13.4501, 18.3219



22.3052, 13.4501, 1.9794



4.7673, 13.4501, 11.4960



6.4508, 13.4501, 48.1336

Sweetspot

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



26.8236, 13.4509, 18.3221



70.6951, 58.6742, 78.0182



13.5855, 5.8133, 54.4389



14.5646, 11.6251, 15.8917



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.



26.8236, 13.4509, 18.3221



46.8412, 23.5005, 31.4255



23.6792, 12.1931, 1.7641



10.8933, 10.7407, 12.4214



17.2918, 8.6663, 12.0121



0.8540, 0.4245, 0.7545

Inverse Universe

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



26.8236, 13.4509, 18.3221



46.8412, 23.5005, 31.4255



28.5710, 44.1059, 49.7102



10.8933, 10.7407, 12.4214



17.2918, 8.6663, 12.0121



0.8540, 0.4245, 0.7545

Previews

White Background



This preview shows how the XYZ color 26.8232, 13.4501, 18.3219 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 26.8232, 13.4501, 18.3219

Background



This preview shows how black text looks on a background with the XYZ color 26.8232, 13.4501, 18.3219.



This preview shows how white text looks on a background with the XYZ color 26.8232, 13.4501,

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

26.8232, 13.4501, 18.3219

Protanopia

15.2361, 14.2273, 39.4792

Deuteranopia

14.3217, 14.1176, 16.4381



Tritanopia

24.0557, 13.8485, 4.2015

Trichromacy



Original Color

26.8232, 13.4501, 18.3219



Protanomaly

15.6216, 10.3094, 30.0207



Deuteranomaly

16.3165, 10.8797, 16.5693



Tritanomaly

24.4318, 13.1453, 7.5529

Monochromacy



Original Color

26.8232, 13.4501, 18.3219



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3879, 6.5972, 10.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8232, 13.4501, 18.3219 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.8232, 13.4501, 18.3219 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, 118) }
```


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

```
.border{ border-color:rgb(199, 0, 118) }
```

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, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8232, 13.4501, 18.3219 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, 118) }
```

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

```
.background{ background-color: rgb(199, 0,  
118) }
```

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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