

Converting Colors

XYZ(26.7368, 12.9672, 38.1263)

Have a look what the booklet for
XYZ(26.7368, 12.9672, 38.1263)
contains.

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Color

**XYZ(26.8350, 13.0175,
38.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	B800A8
RGB	184, 0, 168
RGB Percent	72%, 0%, 66%
CMY	0.2784, 0.9999, 0.3412
CMYK	0.00, 1.00, 0.09, 0.28
HSL	305°, 100%, 36%
HSV	305°, 100%, 72%
XYZ	26.8350, 13.0175, 38.1441
YIQ	74.1680, 55.7360, 91.2560

Conversions

Conversions Part 2

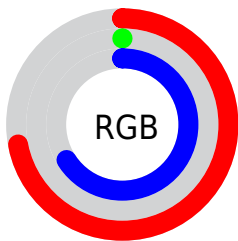
Format	Color
RYB	184, 0, 168
Decimal	12058792
CIELab	42.79, 74.61, -39.63
CIELCh	43, 84.480, 332.026
Yxy	13.0175, 0.3441, 0.1669
Android (android.graphics.Color)	4290248872 (0xFFB800A8)
YUV	74.1680, 46.2592, 96.3227
Hunter-Lab	36.0798, 69.6231, -37.4265

Details

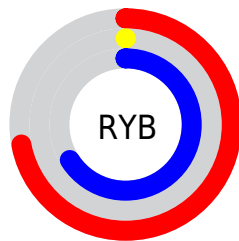
The XYZ color **26.8350, 13.0175, 38.1441** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17.2346, 34.3189, 6.2071**, and the grayscale version is **6.4549, 6.7911, 7.3955**.

A 20% lighter version of the original color is **54.1710, 31.4313, 73.7327**, and **11.6987, 5.6734, 16.6981** is the 20% darker color. If you saturate the color by 10%, you get **26.8350, 13.0175, 38.1432**, and if you desaturate by 10%, it is **27.2085, 13.5241, 39.0088**.

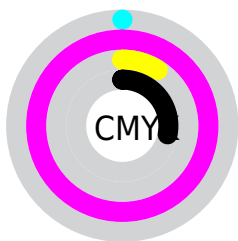
Distribution



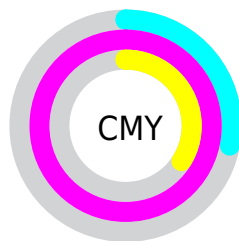
- Red (72%)
- Green (0%)
- Blue (66%)



- Red (72%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8350, 13.0175, 38.1441 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 26.8350, 13.0175, 38.1441 by changing the saturation by 10% instead.

■ 26.8350, 13.0175,
38.1441

■ 26.8350, 13.0175,
38.1441

279.0395,
211.0298, 353.5544

■ 17.5853, 7.4406,
25.7918

■ 54.0407, 31.3352,
73.5348

■ 10.7505, 3.7391,
16.4436

■ 72.7275, 44.8448,
97.4104

■ 5.9654, 1.5287,
9.6809

■ 95.2906, 61.7675,
125.9641

■ 2.8645, 0.3088,
5.0851

■ 122.0955, 82.4875,
159.6146

■ 1.0825, 0.0000,
2.2376

■ 153.5074,
107.3894, 198.7803

■ 0.0104, 0.0000,
0.6960

■ 189.8919,

■ 0.0000, 0.0000,

136.8574, 243.8798

0.0000

231.6141,
171.2761, 295.3317

■ 26.8350, 13.0175,
38.1441

■ 26.8350, 13.0175,
38.1441

■ 26.8350, 13.0175,
38.1432

■ 27.2085, 13.5241,
39.0088

■ 27.7933, 14.4507,
39.9529

■ 28.6678, 15.9537,
41.0028

■ 29.8703, 18.1098,
42.1711

■ 31.4333, 20.9838,
43.4687

■ 33.3852, 24.6328,
44.9052

■ 35.7518, 29.1080,
46.4891

■ 38.5564, 34.4563,
48.2284

■ 41.8208, 40.7212,
50.1302

Harmonies

Analogous

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



20.1635, 13.0175, 70.4521



26.8350, 13.0175, 38.1441



29.3175, 13.0175, 12.9577

Triad

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



26.8350, 13.0175, 38.1441



11.9405, 13.0175, 0.0000



4.5674, 13.0175, 42.4978

Complementary

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



26.8350, 13.0175, 38.1441



17.2346, 34.3189, 6.2071

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.



3.6686, 13.0175, 15.4638



26.8350, 13.0175, 38.1441



6.9023, 13.0175, 0.1504

Square

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



26.8350, 13.0175, 38.1441



19.1324, 13.0175, 0.0000



4.3460, 13.0175, 3.2021



7.4285, 13.0175, 74.1640

Rectangle

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



26.8350, 13.0175, 38.1441



27.7547, 13.0175, 4.6045



4.3460, 13.0175, 3.2021



4.0813, 13.0175, 32.0516

Sweetspot

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



26.8355, 13.0181, 38.1443



64.5691, 52.3093, 84.1188



8.8549, 3.5659, 45.5693



13.5162, 10.5120, 17.8694



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8355, 13.0181, 38.1443



48.6003, 23.5796, 68.9065



21.0959, 10.7223, 7.9202



9.3463, 9.1489, 11.1712



18.5075, 8.9768, 26.3571



0.6624, 0.3204, 0.9816

Inverse Universe

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



26.8355, 13.0181, 38.1443



48.6003, 23.5796, 68.9065



19.8129, 35.3502, 19.7841



9.3463, 9.1489, 11.1712



18.5075, 8.9768, 26.3571



0.6624, 0.3204, 0.9816

Previews

White Background



This preview shows how the XYZ color 26.8350, 13.0175, 38.1441 looks on a white background.

Color Contrast Check

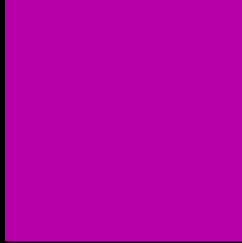
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8350, 13.0175, 38.1441 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 26.8350, 13.0175, 38.1441

Background



This preview shows how black text looks on a background with the XYZ color 26.8350, 13.0175, 38.1441.



This preview shows how white text looks on a background with the XYZ color 26.8350, 13.0175,

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

26.8350, 13.0175, 38.1441

Protanopia

16.3150, 13.8175, 63.4352

Deuteranopia

14.0824, 13.7469, 34.2589



Tritanopia

20.7329, 13.4526, 7.2982

Trichromacy



Original Color

26.8350, 13.0175, 38.1441



Protanomaly

13.9985, 8.8002, 52.5906



Deuteranomaly

15.6723, 10.2181, 35.3287



Tritanomaly

21.7896, 12.1615, 14.8346

Monochromacy



Original Color

26.8350, 13.0175, 38.1441



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.6627, 6.6931, 14.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8350, 13.0175, 38.1441 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(184, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 168)  
}
```

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(184, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.8350, 13.0175, 38.1441 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(184, 0, 168) }
```


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

```
.border{ border-color:rgb(184, 0, 168) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8350, 13.0175, 38.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 168) }
```

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

```
.background{ background-color: rgb(184, 0,  
168) }
```

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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