

Converting Colors

XYZ(10.8388, 5.0166, 26.3043)

Have a look what the booklet for
XYZ(10.8388, 5.0166, 26.3043)
contains.

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Color

**XYZ(10.9018, 5.0473,
26.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	6A008F
RGB	106, 0, 143
RGB Percent	42%, 0%, 56%
CMY	0.5843, 1.0000, 0.4392
CMYK	0.26, 1.00, 0.00, 0.44
HSL	284°, 100%, 28%
HSV	284°, 100%, 56%
XYZ	10.9018, 5.0473, 26.3862
YIQ	47.9960, 17.2730, 66.9450

Conversions

Conversions Part 2

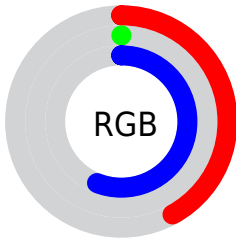
Format	Color
R_{YB}	106, 0, 143
Decimal	6946959
CIE _{Lab}	26.87, 58.15, -50.78
CIE _{LCh}	27, 77.204, 318.873
Yxy	5.0473, 0.2575, 0.1192
Android (android.graphics.Color)	4285137039 (0xFF6A008F)
YUV	47.9960, 46.8370, 50.8695
Hunter-Lab	22.4662, 47.3019, -53.9088

Details

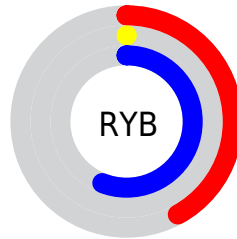
The XYZ color **10.9018, 5.0473, 26.3862** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **10.5854, 20.0382, 3.3099**, and the grayscale version is **2.7586, 2.9023, 3.1606**.

A 20% lighter version of the original color is **27.2215, 16.0148, 55.0825**, and **3.2536, 1.4591, 10.0077** is the 20% darker color. If you saturate the color by 10%, you get **10.9021, 5.0475, 26.3863**, and if you desaturate by 10%, it is **11.5124, 5.6013, 26.4610**.

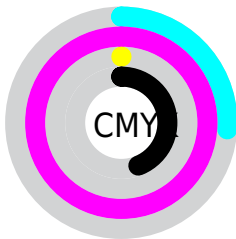
Distribution



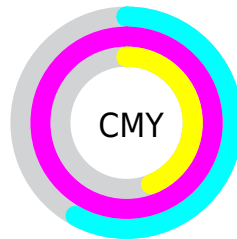
- Red (42%)
- Green (0%)
- Blue (56%)



- Red (42%)
- Yellow (0%)
- Blue (56%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9018, 5.0473, 26.3862 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 10.9018, 5.0473, 26.3862 by changing the saturation by 10% instead.

10.9018, 5.0473,
26.3862

10.9018, 5.0473,
26.3862

190.9148,
150.2789, 298.3384

6.0676, 2.2750,
16.8844

27.1130, 15.9198,
54.8890

2.9273, 0.7605,
9.9910

39.2208, 24.7888,
74.7272

1.1154, 0.0000,
5.2875

54.4838, 36.4589,
98.8479

0.0380, 0.0000,
2.3552

73.2673, 51.3145,
127.6697

0.0000, 0.0000,
0.7619

95.9369, 69.7398,
161.6110

0.0000, 0.0000,
0.0000

122.8578, 92.1194,

201.0906

154.3953,
118.8377, 246.5269

10.9018, 5.0473,
26.3862

10.9018, 5.0473,
26.3862

10.9021, 5.0475,
26.3863

11.5124, 5.6013,
26.4610

12.2494, 6.3799,
26.5725

13.1680, 7.4926,
26.7389

14.2883, 8.9799,
26.9669

15.6279, 10.8761,
27.2623

■ 17.2021, 13.2117,
27.6301

■ 19.0249, 16.0143,
28.0750

■ 21.1091, 19.3091,
28.6011

■ 23.4664, 23.1197,
29.2124

Harmonies

Analogous

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



7.0172, 5.0473, 43.2030



10.9018, 5.0473, 26.3862



13.4468, 5.0473, 9.5339

Triad

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



10.9018, 5.0473, 26.3862



6.0538, 5.0473, 0.0000



1.0605, 5.0473, 13.1605

Complementary

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



10.9018, 5.0473, 26.3862



10.5854, 20.0382, 3.3099

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.



0.9855, 5.0473, 2.7972



10.9018, 5.0473, 26.3862



3.1032, 5.0473, 0.0000

Square

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



10.9018, 5.0473, 26.3862



9.9387, 5.0473, 0.0000



1.5438, 5.0473, 0.0000



1.8296, 5.0473, 31.3508

Rectangle

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



10.9018, 5.0473, 26.3862



13.5285, 5.0473, 3.2443



1.5438, 5.0473, 0.0000



0.9712, 5.0473, 8.6030

Sweetspot

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



10.9021, 5.0475, 26.3863



33.8499, 28.3350, 50.2231



5.6553, 3.3779, 26.3406



7.4697, 6.0443, 11.4452



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



10.9021, 5.0475, 26.3863



19.3582, 8.9538, 47.2460



14.1223, 6.9575, 15.2460



5.4919, 5.4418, 6.7897



9.6596, 4.4733, 23.3314



0.1129, 0.0534, 0.2240

Inverse Universe

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



11.6616, 5.9732, 2.2884



20.8230, 10.6726, 3.7764



10.1022, 19.7568, 4.7469



5.4626, 5.4456, 5.9340



10.3187, 5.2845, 2.0637



0.1066, 0.0537, 0.0616

Previews

White Background



This preview shows how the XYZ color 10.9018, 5.0473, 26.3862 looks on a white background.

Color Contrast Check

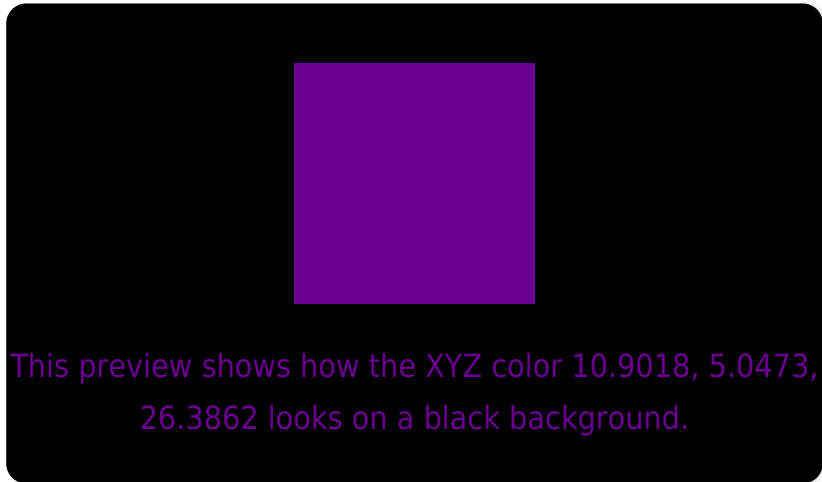
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

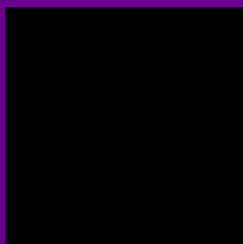
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9018, 5.0473, 26.3862

Background



This preview shows how black text looks on a background with the XYZ color 10.9018, 5.0473, 26.3862.



This preview shows how white text looks on a background with the XYZ color 10.9018, 5.0473,

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

10.9018, 5.0473, 26.3862

Protanopia

6.2773, 5.4444, 24.0126

Deuteranopia

5.3371, 5.4423, 17.9087



Tritanopia

6.7440, 5.4817, 4.9776

Trichromacy



Original Color

10.9018, 5.0473, 26.3862

Protanomaly

6.2898, 3.8813, 24.8437

Deuteranomaly

5.5313, 3.6914, 20.4996

Tritanomaly

7.5133, 4.5966, 10.1641

Monochromacy



Original Color

10.9018, 5.0473, 26.3862

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.5056, 2.8697, 8.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9018, 5.0473, 26.3862 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(106, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 143)  
}
```

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(106, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 10.9018, 5.0473, 26.3862 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(106, 0, 143) }
```


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

```
.border{ border-color:rgb(106, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(106, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9018, 5.0473, 26.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 143) }
```

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

```
.background{ background-color: rgb(106, 0,  
143) }
```

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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