

Converting Colors

XYZ(18.0436, 10.0905, 26.8559)

Have a look what the booklet for
XYZ(18.0436, 10.0905, 26.8559)
contains.

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Color

**XYZ(18.0713, 10.0804,
26.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	942C8F
RGB	148, 44, 143
RGB Percent	58%, 17%, 56%
CMY	0.4196, 0.8274, 0.4392
CMYK	0.00, 0.70, 0.03, 0.42
HSL	303°, 54%, 38%
HSV	303°, 70%, 58%
XYZ	18.0713, 10.0804, 26.9799
YIQ	86.3820, 30.2050, 52.8370

Conversions

Conversions Part 2

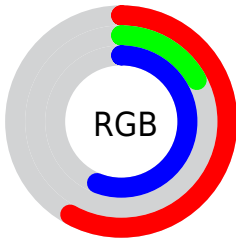
Format	Color
R_{YB}	148, 44, 143
Decimal	9710735
CIE _{Lab}	37.99, 54.81, -32.54
CIE _{LCh}	38, 63.742, 329.304
Yxy	10.0804, 0.3278, 0.1828
Android (android.graphics.Color)	4287900815 (0xFF942C8F)
YUV	86.3820, 27.9127, 54.0390
Hunter-Lab	31.7496, 46.0370, -28.1581

Details

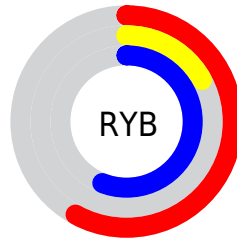
The XYZ color **18.0713, 10.0804, 26.9799** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **12.1834, 21.9374, 6.4985**, and the grayscale version is **8.8650, 9.3267, 10.1568**.

A 20% lighter version of the original color is **39.7167, 25.9340, 55.7358**, and **6.5479, 3.1524, 10.3886** is the 20% darker color. If you saturate the color by 10%, you get **17.5615, 9.1464, 26.5449**, and if you desaturate by 10%, it is **18.7789, 11.4087, 27.4827**.

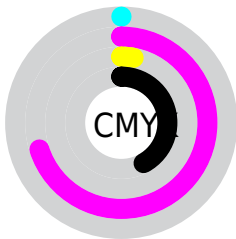
Distribution



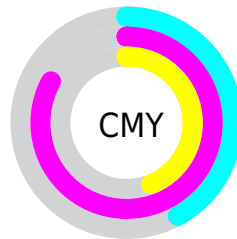
- Red (58%)
- Green (17%)
- Blue (56%)



- Red (58%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (70%)
- Yellow (3%)
- Black (42%)



- Cyan (42%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0713, 10.0804, 26.9799 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 18.0713, 10.0804, 26.9799 by changing the saturation by 10% instead.

18.0713, 10.0804,
26.9799

18.0713, 10.0804,
26.9799

234.3104,
191.2449, 301.3169

11.1012, 5.4523,
17.3258

39.6879, 25.9466,
55.8550

6.2027, 2.5150,
10.3027

55.0651, 37.9535,
75.9130

3.0106, 0.8841,
5.4919

73.9754, 53.1888,
100.2762

1.1594, 0.0000,
2.4749

96.7841, 72.0369,
129.3629

0.0739, 0.0000,
0.8268

123.8566, 94.8821,
163.5918

0.0000, 0.0000,
0.0000

155.5583,

122.1090, 203.3814

192.2544,
154.1018, 249.1503

■ 18.0713, 10.0804,
26.9799

■ 18.0713, 10.0804,
26.9799

■ 17.5615, 9.1464,
26.5449

■ 18.7789, 11.4087,
27.4827

■ 17.2262, 8.5613,
26.1697

■ 19.7018, 13.1675,
28.0588

■ 17.0120, 8.2156,
25.8435

■ 20.8572, 15.3906,
28.7142

■ 22.2599, 18.1079,
29.4536

■ 23.9238, 21.3468,
30.2819

■ 25.8614, 25.1328,
31.2030

■ 28.0848, 29.4897,
32.2212

■ 30.6051, 34.4398,
33.3400

■ 33.4328, 40.0043,
34.5630

Harmonies

Analogous

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



13.9744, 10.0804, 44.7197



18.0713, 10.0804, 26.9799



19.8073, 10.0804, 11.2522

Triad

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



18.0713, 10.0804, 26.9799



9.6771, 10.0804, 0.1228



4.2246, 10.0804, 26.1246

Complementary

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



18.0713, 10.0804, 26.9799



12.1834, 21.9374, 6.4985

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.



3.6677, 10.0804, 10.7041



18.0713, 10.0804, 26.9799



6.2211, 10.0804, 0.6927

Square

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



18.0713, 10.0804, 26.9799



14.1887, 10.0804, 0.7469



4.2803, 10.0804, 3.0200



6.0976, 10.0804, 44.0242

Rectangle

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



18.0713, 10.0804, 26.9799



19.0985, 10.0804, 5.0818



4.2803, 10.0804, 3.0200



3.9058, 10.0804, 20.2448

Sweetspot

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



18.0717, 10.0809, 26.9801



41.8495, 36.9582, 53.2538



7.4404, 4.5555, 28.5044



9.3795, 8.0980, 12.0713



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.0717, 10.0809, 26.9801



30.6305, 15.5089, 46.4664



15.0690, 8.8798, 11.1683



6.0234, 5.9044, 7.2294



14.5338, 7.0186, 22.0896



0.1809, 0.0871, 0.2861

Inverse Universe

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



18.0717, 10.0809, 26.9801



30.6305, 15.5089, 46.4664



13.9036, 22.6254, 15.5567



6.0234, 5.9044, 7.2294



14.5338, 7.0186, 22.0896



0.1809, 0.0871, 0.2861

Previews

White Background



This preview shows how the XYZ color 18.0713, 10.0804, 26.9799 looks on a white background.

Color Contrast Check

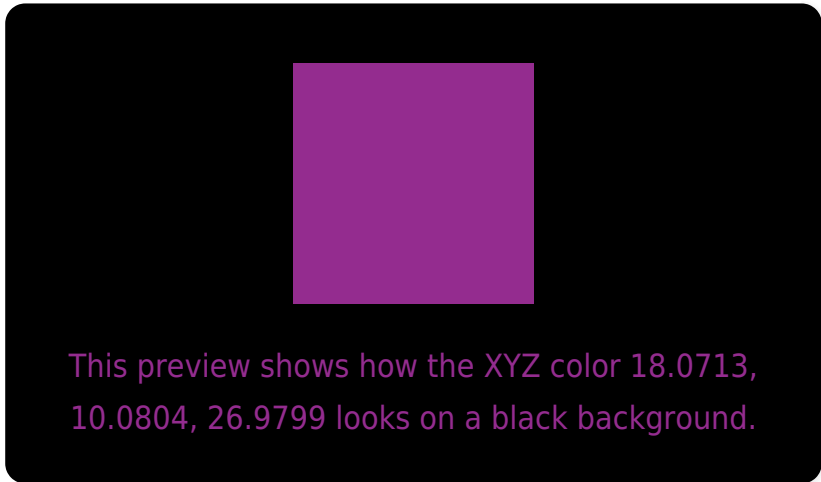
Large Text (above 18pt) WCAG AA ✓ Pass

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

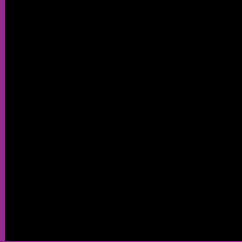
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0713, 10.0804, 26.9799

Background



This preview shows how black text looks on a background with the XYZ color 18.0713, 10.0804, 26.9799.



This preview shows how white text looks on a background with the XYZ color 18.0713, 10.0804,

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

18.0713, 10.0804, 26.9799

Protanopia

12.2647, 10.3947, 46.1597

Deuteranopia

10.5543, 10.3551, 24.7350



Tritanopia

13.9921, 10.0576, 7.3347

Trichromacy



Original Color

18.0713, 10.0804, 26.9799

Protanomaly

11.6359, 8.5269, 38.0784

Deuteranomaly

12.0797, 9.2258, 25.5702

Tritanomaly

15.0963, 9.8494, 12.6607

Monochromacy



Original Color

18.0713, 10.0804, 26.9799

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

11.2138, 8.8192, 15.0212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0713, 10.0804, 26.9799 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(148, 44, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 44, 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(148, 44, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 44, 143) }
```

Border

The CSS property to change the border of an element to XYZ 18.0713, 10.0804, 26.9799 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(148, 44, 143) }
```


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

```
.border{ border-color:rgb(148, 44, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 44, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 44, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 44, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 44,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0713, 10.0804, 26.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 44, 143) }
```

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

```
.background{ background-color: rgb(148, 44,  
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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