

Converting Colors

XYZ(18.0327, 12.7151, 23.0098)

Have a look what the booklet for
XYZ(18.0327, 12.7151, 23.0098)
contains.

XYZ(18.0783, 12.7861, 22.9879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.0783, 12.7861,
22.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4D83
RGB	143, 77, 131
RGB Percent	56%, 30%, 51%
CMY	0.4392, 0.6980, 0.4863
CMYK	0.00, 0.46, 0.08, 0.44
HSL	311°, 30%, 43%
HSV	311°, 46%, 56%
XYZ	18.0783, 12.7861, 22.9879
YIQ	102.8900, 22.0020, 30.7860

Conversions

Conversions Part 2

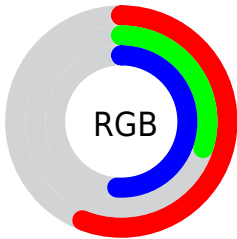
Format	Color
R_{YB}	143, 77, 131
Decimal	9391491
CIE _{Lab}	42.44, 35.65, -18.33
CIE _{LCh}	42, 40.092, 332.788
Yxy	12.7861, 0.3357, 0.2374
Android (android.graphics.Color)	4287581571 (0xFF8F4D83)
YUV	102.8900, 13.8582, 35.1765
Hunter-Lab	35.7577, 27.6699, -13.0860

Details

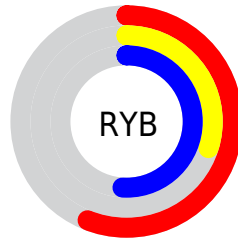
The XYZ color **18.0783, 12.7861, 22.9879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.6868, 21.9444, 12.9136**, and the grayscale version is **12.8240, 13.4918, 14.6926**.

A 20% lighter version of the original color is **39.6596, 30.9048, 49.2223**, and **6.2148, 3.6487, 8.1613** is the 20% darker color. If you saturate the color by 10%, you get **17.0116, 10.9311, 21.7738**, and if you desaturate by 10%, it is **19.3702, 15.0840, 24.2991**.

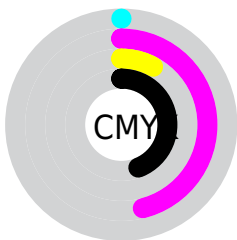
Distribution



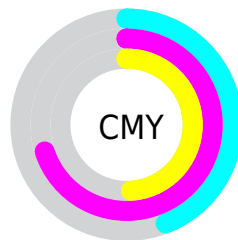
- Red (56%)
- Green (30%)
- Blue (51%)



- Red (56%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0783, 12.7861, 22.9879 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 18.0783, 12.7861, 22.9879 by changing the saturation by 10% instead.

18.0783, 12.7861,
22.9879

18.0783, 12.7861,
22.9879

234.3491,
209.5422, 280.7827

11.1062, 7.2814,
14.3794

39.6997, 30.9190,
49.2964

6.2062, 3.6387,
8.2432

55.0798, 44.3159,
67.8334

3.0127, 1.4736,
4.1610

73.9933, 61.1125,
90.5171

1.1605, 0.2700,
1.7141

96.8056, 81.6929,
117.7658

0.0748, 0.0000,
0.3703

123.8819,
106.4418, 149.9982

0.0000, 0.0000,
0.0000

155.5877,

135.7433, 187.6328

192.2883,
169.9820, 231.0881

■ 18.0783, 12.7861,
22.9879

■ 18.0783, 12.7861,
22.9879

■ 17.0116, 10.9311,
21.7738

■ 19.3702, 15.0840,
24.2991

■ 16.1544, 9.4880,
20.6511

■ 20.8993, 17.8496,
25.7113

■ 15.4905, 8.4248,
19.6144

■ 22.6784, 21.1078,
27.2289

■ 15.0012, 7.7038,
18.6572

■ 24.7187, 24.8814,
28.8558

■ 14.6575, 7.2672,
17.7697

■ 27.0311, 29.1916,
30.5959

■ 14.5386, 7.1240,
17.4382

■ 29.6255, 34.0587,
32.4526

■ 32.5115, 39.5015,
34.4292

■ 35.6981, 45.5384,
36.5290

■ 39.1943, 52.1866,
38.7549

Harmonies

Analogous

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



15.5739, 12.7861, 33.0875



18.0783, 12.7861, 22.9879



18.9190, 12.7861, 13.1290

Triad

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



18.0783, 12.7861, 22.9879



11.8727, 12.7861, 3.0459



7.8981, 12.7861, 25.0002

Complementary

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



18.0783, 12.7861, 22.9879



14.6868, 21.9444, 12.9136

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.



7.2294, 12.7861, 14.7461



18.0783, 12.7861, 22.9879



9.2734, 12.7861, 4.1032

Square

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



18.0783, 12.7861, 22.9879



15.0041, 12.7861, 3.7555



7.6882, 12.7861, 7.6214



9.6878, 12.7861, 34.5482

Rectangle

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



18.0783, 12.7861, 22.9879



18.3261, 12.7861, 8.4260



7.6882, 12.7861, 7.6214



7.5496, 12.7861, 21.4019

Sweetspot

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



18.0787, 12.7867, 22.9882



41.2552, 38.9835, 49.2879



11.6369, 9.3663, 27.1814



9.3057, 8.6541, 11.1758



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.



18.0787, 12.7867, 22.9882



30.4630, 19.5723, 38.9909



16.2342, 12.0489, 13.2751



5.5848, 5.4944, 6.5774



12.8618, 6.3017, 15.4553



0.1300, 0.0631, 0.1851

Inverse Universe

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



18.0787, 12.7867, 22.9882



30.4630, 19.5723, 38.9909



16.3347, 22.6036, 21.5917



5.5848, 5.4944, 6.5774



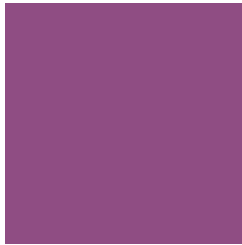
12.8618, 6.3017, 15.4553



0.1300, 0.0631, 0.1851

Previews

White Background



This preview shows how the XYZ color 18.0783, 12.7861, 22.9879 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 18.0783, 12.7861, 22.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

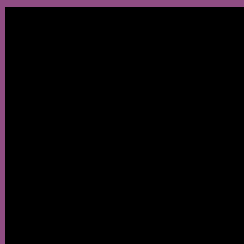
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0783, 12.7861, 22.9879

Background



This preview shows how black text looks on a background with the XYZ color 18.0783, 12.7861, 22.9879.



This preview shows how white text looks on a background with the XYZ color 18.0783, 12.7861,

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

18.0783, 12.7861, 22.9879

Protanopia

13.4633, 12.9466, 29.8063

Deuteranopia

13.2224, 12.9974, 21.8905



Tritanopia

15.7408, 12.8316, 11.7723

Trichromacy



Original Color

18.0783, 12.7861, 22.9879

Protanomaly

14.4493, 12.4384, 27.2305

Deuteranomaly

14.5768, 12.6181, 22.0893

Tritanomaly

16.5100, 12.8026, 15.2366

Monochromacy



Original Color

18.0783, 12.7861, 22.9879

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.4546, 13.0492, 17.3797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0783, 12.7861, 22.9879 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(143, 77, 131)` looks like.

```
.text, #text, p{  
    color:rgb(143, 77, 131)  
}
```

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(143, 77, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 77, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.0783, 12.7861, 22.9879 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(143, 77, 131) }
```


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

```
.border{ border-color:rgb(143, 77, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 77, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 77, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 77, 131);  
box-shadow:4px 4px 4px 4px rgb(143, 77,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0783, 12.7861, 22.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 77, 131) }
```

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

```
.background{ background-color: rgb(143, 77,  
131) }
```

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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