

Converting Colors

XYZ(17.9033, 12.5585, 17.4474)

Have a look what the booklet for
XYZ(17.9033, 12.5585, 17.4474)
contains.

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Color

**XYZ(17.8805, 12.5020,
17.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	954A72
RGB	149, 74, 114
RGB Percent	58%, 29%, 45%
CMY	0.4157, 0.7098, 0.5529
CMYK	0.00, 0.50, 0.23, 0.42
HSL	328°, 34%, 44%
HSV	328°, 50%, 58%
XYZ	17.8805, 12.5020, 17.3903
YIQ	100.9850, 31.8600, 28.3400

Conversions

Conversions Part 2

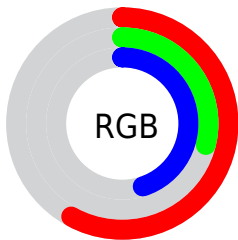
Format	Color
R_{YB}	149, 74, 114
Decimal	9783922
CIE Lab	42.00, 36.48, -8.51
CIE LCh	42, 37.460, 346.874
Yxy	12.5020, 0.3743, 0.2617
Android (android.graphics.Color)	4287974002 (0xFF954A72)
YUV	100.9850, 6.4164, 42.1092
Hunter-Lab	35.3582, 28.3900, -4.4100

Details

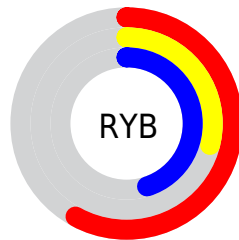
The XYZ color **17.8805, 12.5020, 17.3903** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.3324, 24.0553, 18.2515**, and the grayscale version is **12.3443, 12.9872, 14.1431**.

A 20% lighter version of the original color is **39.3934, 30.3995, 39.8678**, and **6.1339, 3.5334, 5.5130** is the 20% darker color. If you saturate the color by 10%, you get **16.6202, 10.5908, 15.0911**, and if you desaturate by 10%, it is **19.4073, 14.8977, 19.9271**.

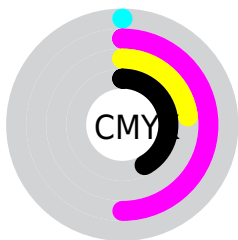
Distribution



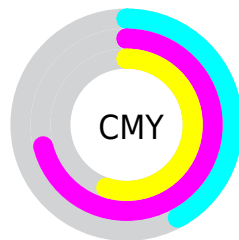
- Red (58%)
- Green (29%)
- Blue (45%)



- Red (58%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8805, 12.5020, 17.3903 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 17.8805, 12.5020, 17.3903 by changing the saturation by 10% instead.

■ 17.8805, 12.5020,
17.3903

■ 17.8805, 12.5020,
17.3903

233.2553,
207.7009, 249.5313

■ 10.9634, 7.0865,
10.3483

■ 39.3653, 30.4062,
39.7954

■ 6.1093, 3.5163,
5.5219

■ 54.6637, 43.6636,
55.9956

■ 2.9530, 1.4068,
2.4925

■ 73.4865, 60.3039,
76.0856

■ 1.1289, 0.2218,
0.8362

■ 96.1992, 80.7114,
100.4839

■ 0.0491, 0.0000,
0.0000

■ 123.1670,
105.2704, 129.6091

■ 0.0000, 0.0000,
0.0000

154.7554,

134.3654, 163.8797

191.3297,
168.3808, 203.7142

■ 17.8805, 12.5020,
17.3903

■ 17.8805, 12.5020,
17.3903

■ 16.6202, 10.5908,
15.0911

■ 19.4073, 14.8977,
19.9271

■ 15.6076, 9.1281,
13.0195

■ 21.2154, 17.8069,
22.7092

■ 14.8234, 8.0761,
11.1659

■ 23.3196, 21.2583,
25.7448

■ 14.2443, 7.3895,
9.5189

■ 25.7336, 25.2780,
29.0414

■ 13.8228, 6.9609,
8.1010

■ 28.4701, 29.8905,
32.6061

■ 31.5409, 35.1187,
36.4457

■ 34.9574, 40.9844,
40.5668

■ 38.7305, 47.5083,
44.9757

■ 42.8703, 54.7101,
49.6784

Harmonies

Analogous

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



16.2230, 12.5020, 26.9761



17.8805, 12.5020, 17.3903



17.7620, 12.5020, 9.6376

Triad

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



17.8805, 12.5020, 17.3903



10.3988, 12.5020, 3.5943



8.5927, 12.5020, 28.1077

Complementary

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



17.8805, 12.5020, 17.3903



16.3324, 24.0553, 18.2515

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.



7.4693, 12.5020, 18.5531



17.8805, 12.5020, 17.3903



8.3952, 12.5020, 5.6045

Square

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



17.8805, 12.5020, 17.3903



13.1375, 12.5020, 3.4888



7.4031, 12.5020, 10.4258



10.7106, 12.5020, 34.6054

Rectangle

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



17.8805, 12.5020, 17.3903



16.6882, 12.5020, 6.3420



7.4031, 12.5020, 10.4258



8.1016, 12.5020, 25.0095

Sweetspot

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



17.8809, 12.5026, 17.3905



43.8653, 41.5607, 49.0148



14.1809, 10.3194, 29.6785



9.5414, 8.9114, 10.6156



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.



17.8809, 12.5026, 17.3905



29.5865, 18.7034, 26.6817



16.1657, 11.8165, 8.3585



5.9223, 5.8640, 6.6970



11.6488, 5.8646, 6.8976



0.1575, 0.0777, 0.1629

Inverse Universe

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



17.8809, 12.5026, 17.3905



29.5865, 18.7034, 26.6817



18.7992, 25.0420, 31.2416



5.9223, 5.8640, 6.6970



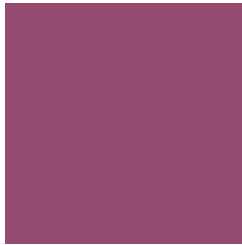
11.6488, 5.8646, 6.8976



0.1575, 0.0777, 0.1629

Previews

White Background



This preview shows how the XYZ color 17.8805, 12.5020, 17.3903 looks on a white background.

Color Contrast Check

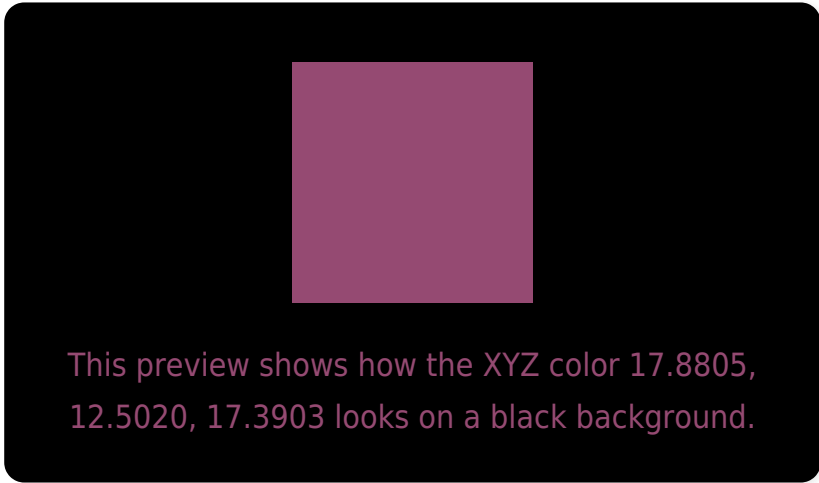
Large Text (above 18pt) WCAG AA ✓ Pass

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

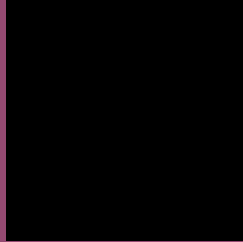
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8805, 12.5020, 17.3903

Background



This preview shows how black text looks on a background with the XYZ color 17.8805, 12.5020, 17.3903.



This preview shows how white text looks on a background with the XYZ color 17.8805, 12.5020,

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

17.8805, 12.5020, 17.3903

Protanopia

12.8730, 12.7865, 23.2623

Deuteranopia

12.9149, 12.6784, 16.5183



Tritanopia

16.4024, 12.5202, 10.3562

Trichromacy



Original Color

17.8805, 12.5020, 17.3903

Protanomaly

14.0399, 12.2377, 21.0242

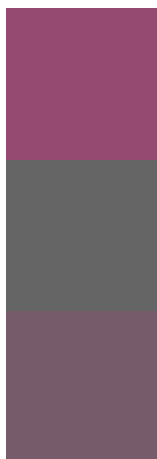
Deuteranomaly

14.3268, 12.3574, 16.6690

Tritanomaly

16.8683, 12.4964, 12.5893

Monochromacy



Original Color

17.8805, 12.5020, 17.3903

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.8138, 12.3743, 15.2961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8805, 12.5020, 17.3903 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(149, 74, 114)` looks like.

```
.text, #text, p{  
    color:rgb(149, 74, 114)  
}
```

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(149, 74, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 74, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.8805, 12.5020, 17.3903 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(149, 74, 114) }
```


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

```
.border{ border-color:rgb(149, 74, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 74, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 74, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 74, 114);  
box-shadow:4px 4px 4px 4px rgb(149, 74,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8805, 12.5020, 17.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 74, 114) }
```

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

```
.background{ background-color: rgb(149, 74,  
114) }
```

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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