

Converting Colors

XYZ(22.4403, 17.7875, 24.9714)

Have a look what the booklet for
XYZ(22.4403, 17.7875, 24.9714)
contains.

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Color

**XYZ(22.3778, 17.8041,
24.8114)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6486
RGB	155, 100, 134
RGB Percent	61%, 39%, 53%
CMY	0.3922, 0.6078, 0.4745
CMYK	0.00, 0.35, 0.14, 0.39
HSL	323°, 22%, 50%
HSV	323°, 35%, 61%
XYZ	22.3778, 17.8041, 24.8114
YIQ	120.3210, 21.8660, 22.2340

Conversions

Conversions Part 2

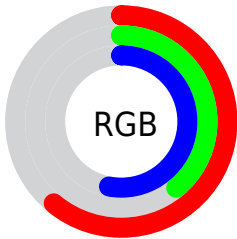
Format	Color
R_{YB}	155, 100, 134
Decimal	10183814
CIE _{Lab}	49.26, 27.46, -9.65
CIE _{LCh}	49, 29.105, 340.644
Yxy	17.8041, 0.3443, 0.2739
Android (android.graphics.Color)	4288373894 (0xFF9B6486)
YUV	120.3210, 6.7437, 30.4135
Hunter-Lab	42.1949, 20.8253, -5.3272

Details

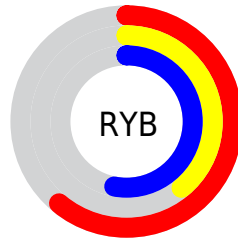
The XYZ color **22.3778, 17.8041, 24.8114** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.4288, 27.5330, 22.3280**, and the grayscale version is **17.9300, 18.8637, 20.5426**.

A 20% lighter version of the original color is **46.7762, 39.7460, 52.2201**, and **8.4217, 5.9796, 9.0978** is the 20% darker color. If you saturate the color by 10%, you get **20.6289, 14.9484, 22.2486**, and if you desaturate by 10%, it is **24.4337, 21.2364, 27.5910**.

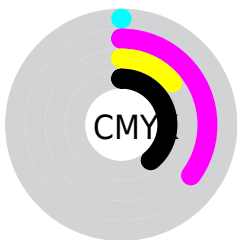
Distribution



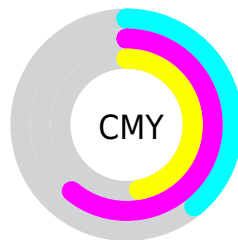
- Red (61%)
- Green (39%)
- Blue (53%)



- Red (61%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (39%)




- Cyan (39%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.3778, 17.8041, 24.8114 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 22.3778, 17.8041, 24.8114 by changing the saturation by 10% instead.


 22.3778, 17.8041,
24.8114


 22.3778, 17.8041,
24.8114


257.1084,
239.7645, 290.3149


 14.2529, 10.8094,
15.7189


 46.8438, 39.7032,
52.3114


 8.3797, 5.9388,
9.1732


 63.9157, 55.3765,
71.5560

 4.3927, 2.8079,
4.7560

 84.7007, 74.7114,
95.0216

 1.9266, 1.0323,
2.0486

 109.5640, 98.0924,
123.1269

 0.5922, 0.0000,
0.5849

138.8711,
125.9037, 156.2903

 0.0000, 0.0000,
0.0000

172.9872,

158.5300, 194.9304

212.2779,
196.3554, 239.4658

■ 22.3778, 17.8041,
24.8114

■ 22.3778, 17.8041,
24.8114

■ 20.6289, 14.9484,
22.2486

■ 24.4337, 21.2364,
27.5910

■ 19.1690, 12.6345,
19.8940

■ 26.8102, 25.2725,
30.5930

■ 17.9805, 10.8276,
17.7402

■ 29.5219, 29.9411,
33.8244

■ 17.0432, 9.4880,
15.7784

■ 32.5823, 35.2681,
37.2913

■ 16.3338, 8.5697,
13.9989

■ 36.0037, 41.2780,
40.9995

■ 15.8215, 8.0118,
12.3895

■ 39.7981, 47.9941,
44.9547

■ 15.6205, 7.8098,
11.7061

■ 43.9768, 55.4386,
49.1622

■ 48.5508, 63.6327,
53.6273

■ 53.5303, 72.5966,
58.3550

Harmonies

Analogous

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



20.5795, 17.8041, 33.1875



22.3778, 17.8041, 24.8114



22.6275, 17.8041, 16.7376

Triad

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



22.3778, 17.8041, 24.8114



15.9704, 17.8041, 8.0408



13.2413, 17.8041, 30.9283

Complementary

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



22.3778, 17.8041, 24.8114



20.4288, 27.5330, 22.3280

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.



12.2669, 17.8041, 22.2992



22.3778, 17.8041, 24.8114



13.7262, 17.8041, 10.0647

Square

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



22.3778, 17.8041, 24.8114



18.7236, 17.8041, 8.3743



12.4344, 17.8041, 14.8148



15.2403, 17.8041, 37.3250

Rectangle

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



22.3778, 17.8041, 24.8114



21.8558, 17.8041, 12.6843



12.4344, 17.8041, 14.8148



12.7933, 17.8041, 28.1090

Sweetspot

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



22.3783, 17.8049, 24.8118



50.0113, 48.6865, 57.2070



18.2432, 15.4868, 33.0383



11.1850, 10.7882, 12.7867



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.3783, 17.8049, 24.8118



37.4223, 27.5430, 40.5727



20.7468, 17.1523, 16.2202



6.3612, 6.2836, 7.2820



12.5654, 6.2804, 9.5021



0.2055, 0.1010, 0.2350

Inverse Universe

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



22.3783, 17.8049, 24.8118



37.4223, 27.5430, 40.5727



22.2964, 28.2800, 32.1627



6.3612, 6.2836, 7.2820



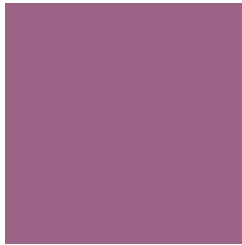
12.5654, 6.2804, 9.5021



0.2055, 0.1010, 0.2350

Previews

White Background



This preview shows how the XYZ color 22.3778, 17.8041, 24.8114 looks on a white background.

Color Contrast Check

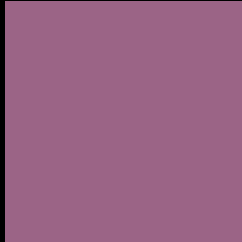
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3778, 17.8041, 24.8114 looks on a black 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

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

XYZ 22.3778, 17.8041, 24.8114

Background



This preview shows how black text looks on a background with the XYZ color 22.3778, 17.8041, 24.8114.



This preview shows how white text looks on a background with the XYZ color 22.3778, 17.8041,

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

22.3778, 17.8041, 24.8114

Protanopia

17.9118, 17.9146, 29.3019

Deuteranopia

18.1401, 17.8109, 23.9545



Tritanopia

20.8238, 17.7459, 17.6570

Trichromacy



Original Color

22.3778, 17.8041, 24.8114

Protanomaly

19.1360, 17.5870, 27.5853

Deuteranomaly

19.4650, 17.6716, 24.2148

Tritanomaly

21.3773, 17.8289, 20.0839

Monochromacy



Original Color

22.3778, 17.8041, 24.8114

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2797, 18.2775, 21.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3778, 17.8041, 24.8114 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(155, 100, 134)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 134)  
}
```

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(155, 100, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.3778, 17.8041, 24.8114 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(155, 100, 134) }
```


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

```
.border{ border-color:rgb(155, 100, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 100, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 100, 134);  
box-shadow:4px 4px 4px 4px rgb(155, 100,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3778, 17.8041, 24.8114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 134) }
```

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

```
.background{ background-color: rgb(155,  
100, 134) }
```

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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