

Converting Colors

XYZ(24.5297, 22.8400, 26.0374)

Have a look what the booklet for
XYZ(24.5297, 22.8400, 26.0374)
contains.

XYZ(24.5297, 22.8400, 26.0374)	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(24.5297, 22.8400,
26.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	987C87
RGB	152, 124, 135
RGB Percent	60%, 49%, 53%
CMY	0.4039, 0.5137, 0.4706
CMYK	0.00, 0.18, 0.11, 0.40
HSL	336°, 12%, 54%
HSV	336°, 18%, 60%
XYZ	24.5297, 22.8400, 26.0374
YIQ	133.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

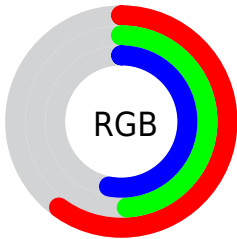
Format	Color
R_{YB}	152, 124, 135
Decimal	9993351
CIE _{Lab}	54.91, 12.70, -1.89
CIE _{LCh}	55, 12.843, 351.557
Yxy	22.8400, 0.3342, 0.3111
Android (android.graphics.Color)	4288183431 (0xFF987C87)
YUV	133.6260, 0.6774, 16.1140
Hunter-Lab	47.7912, 7.9837, 1.1517

Details

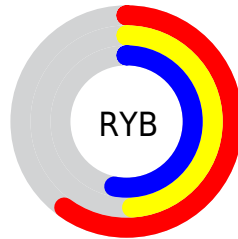
The XYZ color **24.5297, 22.8400, 26.0374** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3490, 28.6652, 29.4502**, and the grayscale version is **22.5176, 23.6903, 25.7987**.

A 20% lighter version of the original color is **50.5314, 48.3405, 54.2443**, and **9.5226, 8.4547, 9.7244** is the 20% darker color. If you saturate the color by 10%, you get **22.1479, 19.0714, 22.1753**, and if you desaturate by 10%, it is **27.2628, 27.2205, 30.2951**.

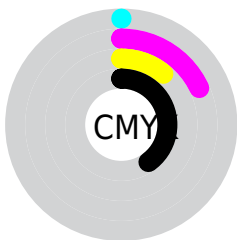
Distribution



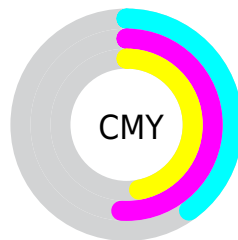
- Red (60%)
- Green (49%)
- Blue (53%)



- Red (60%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5297, 22.8400, 26.0374 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 24.5297, 22.8400, 26.0374 by changing the saturation by 10% instead.

■ 24.5297, 22.8400,
26.0374

■ 24.5297, 22.8400,
26.0374

267.8787,
266.9021, 296.5769

■ 15.8539, 14.4754,
16.6256

■ 50.3416, 48.1305,
54.3201

■ 9.5110, 8.4521,
9.8088

■ 68.2085, 65.8251,
74.0281

■ 5.1357, 4.3855,
5.1684

■ 89.8696, 87.3986,
98.0052

■ 2.3627, 1.8915,
2.2860

115.6906,
113.2353, 126.6700

■ 0.8265, 0.5433,
0.7233

146.0366,
143.7196, 160.4411

■ 0.0000, 0.0000,
0.0000

181.2730,

179.2359, 199.7369

221.7653,
220.1686, 244.9760

■ 24.5297, 22.8400,
26.0374

■ 24.5297, 22.8400,
26.0374

■ 22.1479, 19.0714,
22.1753

■ 27.2628, 27.2205,
30.2951

■ 20.1005, 15.8842,
18.6953

■ 30.3592, 32.2354,
34.9585

■ 18.3725, 13.2499,
15.5854

■ 33.8326, 37.9099,
40.0387

■ 16.9463, 11.1365,
12.8322

■ 37.6956, 44.2669,
45.5464

■ 15.8031, 9.5085,
10.4214

■ 41.9599, 51.3282,
51.4917

■ 14.9215, 8.3259,
8.3374

■ 46.6370, 59.1146,
57.8842

■ 14.2769, 7.5425,
6.5633

■ 51.7379, 67.6461,
64.7333

■ 13.8218, 7.0663,
5.0737

■ 57.2729, 76.9418,
72.0483

■ 13.7568, 6.9986,
4.8601

■ 61.3725, 83.2609,
79.2113

Harmonies

Analogous

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



23.9234, 22.8400, 30.0667



24.5297, 22.8400, 26.0374



24.3546, 22.8400, 22.0989

Triad

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



24.5297, 22.8400, 26.0374



20.7187, 22.8400, 18.2688



20.0514, 22.8400, 31.5262

Complementary

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



24.5297, 22.8400, 26.0374



24.3490, 28.6652, 29.4502

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.



19.2618, 22.8400, 27.8611



24.5297, 22.8400, 26.0374



19.6352, 22.8400, 20.3075

Square

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



24.5297, 22.8400, 26.0374



22.1130, 22.8400, 17.8942



19.1128, 22.8400, 23.7358



21.3094, 22.8400, 33.4547

Rectangle

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



24.5297, 22.8400, 26.0374



23.8215, 22.8400, 20.0238



19.1128, 22.8400, 23.7358



19.7247, 22.8400, 30.4386

Sweetspot

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



24.5304, 22.8410, 26.0379



49.3217, 49.9833, 55.3043



23.8265, 22.3287, 32.7600



11.1402, 11.2476, 12.4635



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.5304, 22.8410, 26.0379



41.5395, 37.5222, 43.1433



24.1513, 23.2588, 22.2866



6.3043, 6.2609, 6.9823



11.5491, 5.8739, 4.1508



0.1898, 0.0947, 0.1521

Inverse Universe

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



24.5304, 22.8410, 26.0379



41.5395, 37.5222, 43.1433



24.7595, 28.1109, 33.8269



6.3043, 6.2609, 6.9823



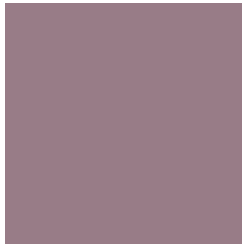
11.5491, 5.8739, 4.1508



0.1898, 0.0947, 0.1521

Previews

White Background



This preview shows how the XYZ color 24.5297, 22.8400, 26.0374 looks on a white 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

Black Background



This preview shows how the XYZ color 24.5297, 22.8400, 26.0374 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 24.5297, 22.8400, 26.0374

Background



This preview shows how black text looks on a background with the XYZ color 24.5297, 22.8400, 26.0374.



This preview shows how white text looks on a background with the XYZ color 24.5297, 22.8400,

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

24.5297, 22.8400, 26.0374

Protanopia

22.2922, 23.0022, 27.6910

Deuteranopia

23.3499, 22.9992, 25.7629



Tritanopia

24.4596, 22.8119, 25.6682

Trichromacy



Original Color

24.5297, 22.8400, 26.0374

Protanomaly

22.9541, 22.7623, 27.2285

Deuteranomaly

23.7465, 23.0110, 25.7442

Tritanomaly

24.4596, 22.8119, 25.6682

Monochromacy



Original Color

24.5297, 22.8400, 26.0374

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2702, 23.3492, 25.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5297, 22.8400, 26.0374 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(152, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 124, 135)  
}
```

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(152, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 124, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.5297, 22.8400, 26.0374 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(152, 124, 135) }
```


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

```
.border{ border-color:rgb(152, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 124,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5297, 22.8400, 26.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 124, 135) }
```

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

```
.background{ background-color: rgb(152,  
124, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor