

Converting Colors

XYZ(24.3816, 20.4252, 26.8232)

Have a look what the booklet for
XYZ(24.3816, 20.4252, 26.8232)
contains.

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Color

**XYZ(24.3724, 20.4730,
26.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6F8A
RGB	158, 111, 138
RGB Percent	62%, 44%, 54%
CMY	0.3804, 0.5647, 0.4588
CMYK	0.00, 0.30, 0.13, 0.38
HSL	326°, 20%, 53%
HSV	326°, 30%, 62%
XYZ	24.3724, 20.4730, 26.7119
YIQ	128.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

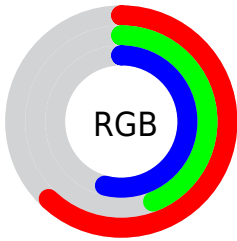
Format	Color
R_{YB}	158, 111, 138
Decimal	10383242
CIE _{Lab}	52.37, 22.97, -7.33
CIE _{LCh}	52, 24.107, 342.307
Yxy	20.4730, 0.3406, 0.2861
Android (android.graphics.Color)	4288573322 (0xFF9E6F8A)
YUV	128.1310, 4.8654, 26.1951
Hunter-Lab	45.2471, 16.9668, -3.3292

Details

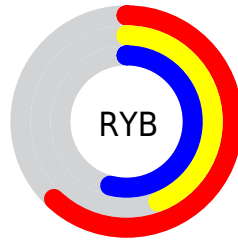
The XYZ color **24.3724, 20.4730, 26.7119** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8800, 29.4724, 25.9569**, and the grayscale version is **20.5427, 21.6126, 23.5361**.

A 20% lighter version of the original color is **49.9417, 44.1021, 55.1706**, and **9.4279, 7.2140, 10.1281** is the 20% darker color. If you saturate the color by 10%, you get **22.3268, 17.1366, 23.7022**, and if you desaturate by 10%, it is **26.7543, 24.4332, 29.9828**.

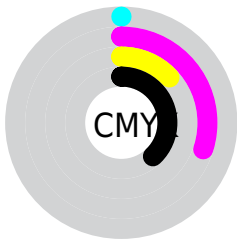
Distribution



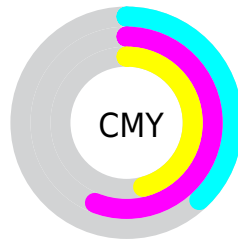
- Red (62%)
- Green (44%)
- Blue (54%)



- Red (62%)
- Yellow (44%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3724, 20.4730, 26.7119 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 24.3724, 20.4730, 26.7119 by changing the saturation by 10% instead.

 24.3724, 20.4730,
26.7119


 24.3724, 20.4730,
26.7119


267.1035,
254.4644, 299.9754


 15.7363, 12.7393,
17.1264


 50.0875, 44.2088,
55.4193


 9.4274, 7.2493,
10.1618


 67.8972, 60.9797,
75.3784

 5.0803, 3.6185,
5.3993


 89.4955, 81.5318,
99.6324

 2.3297, 1.4625,
2.4206

 115.2478,
106.2496, 128.5998

 0.8098, 0.2621,
0.7976

145.5194,
135.5173, 162.6993

 0.0000, 0.0000,
0.0000

180.6756,

169.7194, 202.3494

221.0819,
209.2403, 247.9686

■ 24.3724, 20.4730,
26.7119

■ 24.3724, 20.4730,
26.7119

■ 22.3268, 17.1366,
23.7022

■ 26.7543, 24.4332,
29.9828

■ 20.5990, 14.3889,
20.9444

■ 29.4862, 29.0444,
33.5215

■ 19.1716, 12.1954,
18.4299

■ 32.5829, 34.3356,
37.3356

■ 18.0246, 10.5171,
16.1494

■ 36.0582, 40.3331,
41.4323

■ 17.1354, 9.3096,
14.0924

■ 39.9249, 47.0619,
45.8181

■ 16.4774, 8.5212,
12.2471

■ 44.1953, 54.5458,
50.4996

■ 15.9905, 8.0321,
10.5902

■ 48.8810, 62.8074,
55.4830

■ 15.9787, 8.0204,
10.5498

■ 53.9933, 71.8685,
60.7742

■ 59.5430, 81.7499,
66.3791

Harmonies

Analogous

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



22.8536, 20.4730, 34.0132



24.3724, 20.4730, 26.7119



24.5076, 20.4730, 19.5016

Triad

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



24.3724, 20.4730, 26.7119



18.4587, 20.4730, 11.4213



16.1366, 20.4730, 32.8229

Complementary

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



24.3724, 20.4730, 26.7119



22.8800, 29.4724, 25.9569

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.



15.1562, 20.4730, 25.3357



24.3724, 20.4730, 26.7119



16.4183, 20.4730, 13.6297

Square

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



24.3724, 20.4730, 26.7119



20.9467, 20.4730, 11.6356



15.2547, 20.4730, 18.3880



18.0434, 20.4730, 38.0250

Rectangle

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



24.3724, 20.4730, 26.7119



23.7807, 20.4730, 15.7518



15.2547, 20.4730, 18.3880



15.6954, 20.4730, 30.4293

Sweetspot

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



24.3730, 20.4739, 26.7123



53.8483, 53.2570, 61.2549



21.1525, 18.6307, 34.8291



11.9753, 11.7269, 13.6018



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.3730, 20.4739, 26.7123



41.6126, 32.8468, 44.6561



22.8754, 19.8749, 18.8263



6.7847, 6.7068, 7.7173



12.8173, 6.4315, 8.5546



0.2501, 0.1234, 0.2630

Inverse Universe

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



24.3730, 20.4739, 26.7123



41.6126, 32.8468, 44.6561



24.6227, 30.1695, 35.1340



6.7847, 6.7068, 7.7173



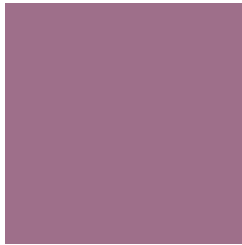
12.8173, 6.4315, 8.5546



0.2501, 0.1234, 0.2630

Previews

White Background



This preview shows how the XYZ color 24.3724, 20.4730, 26.7119 looks on a white background.

Color Contrast Check

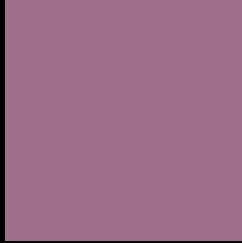
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3724, 20.4730, 26.7119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

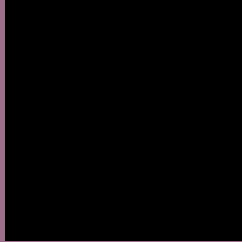
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3724, 20.4730, 26.7119

Background



This preview shows how black text looks on a background with the XYZ color 24.3724, 20.4730, 26.7119.



This preview shows how white text looks on a background with the XYZ color 24.3724, 20.4730,

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

24.3724, 20.4730, 26.7119

Protanopia

20.3593, 20.5868, 30.5044

Deuteranopia

20.9192, 20.6022, 26.1666



Tritanopia

23.2405, 20.5077, 21.1458

Trichromacy



Original Color

24.3724, 20.4730, 26.7119

Protanomaly

21.4624, 20.2756, 29.1679

Deuteranomaly

21.9783, 20.4257, 26.4511

Tritanomaly

23.7060, 20.5369, 23.1366

Monochromacy



Original Color

24.3724, 20.4730, 26.7119

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7719, 21.0740, 24.7500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3724, 20.4730, 26.7119 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(158, 111, 138)` looks like.

```
.text, #text, p{  
    color:rgb(158, 111, 138)  
}
```

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(158, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 111, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.3724, 20.4730, 26.7119 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(158, 111, 138) }
```


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

```
.border{ border-color:rgb(158, 111, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 111, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(158, 111,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3724, 20.4730, 26.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 111, 138) }
```

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

```
.background{ background-color: rgb(158,  
111, 138) }
```

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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