

Converting Colors

XYZ(22.7608, 18.5488, 26.8558)

Have a look what the booklet for
XYZ(22.7608, 18.5488, 26.8558)
contains.

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Color

**XYZ(22.7474, 18.5370,
26.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	99688B
RGB	153, 104, 139
RGB Percent	60%, 41%, 55%
CMY	0.4000, 0.5921, 0.4549
CMYK	0.00, 0.32, 0.09, 0.40
HSL	317°, 19%, 50%
HSV	317°, 32%, 60%
XYZ	22.7474, 18.5370, 26.8052
YIQ	122.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

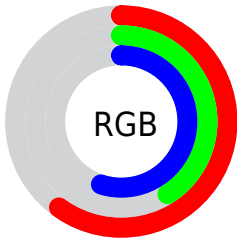
Format	Color
R_{YB}	153, 104, 139
Decimal	10053771
CIE _{Lab}	50.14, 25.34, -11.31
CIE _{LCh}	50, 27.752, 335.947
Yxy	18.5370, 0.3341, 0.2722
Android (android.graphics.Color)	4288243851 (0xFF99688B)
YUV	122.6410, 8.0650, 26.6248
Hunter-Lab	43.0546, 18.9628, -6.7749

Details

The XYZ color **22.7474, 18.5370, 26.8052** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.3709, 27.0341, 21.2851**, and the grayscale version is **18.6792, 19.6520, 21.4011**.

A 20% lighter version of the original color is **47.5265, 41.0371, 55.8681**, and **8.5842, 6.3163, 10.2179** is the 20% darker color. If you saturate the color by 10%, you get **21.0319, 15.6067, 24.6888**, and if you desaturate by 10%, it is **24.7563, 22.0329, 29.0828**.

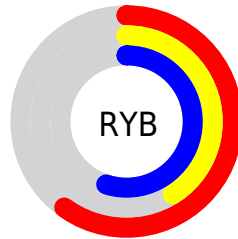
Distribution



Red (60%)

Green (41%)

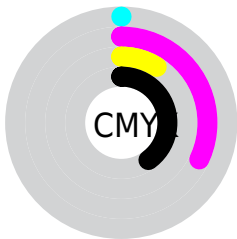
Blue (55%)



Red (60%)

Yellow (41%)

Blue (55%)

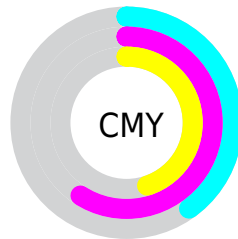


Cyan (0%)

Magenta (32%)

Yellow (9%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7474, 18.5370, 26.8052 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 22.7474, 18.5370, 26.8052 by changing the saturation by 10% instead.

■ 22.7474, 18.5370,
26.8052

■ 22.7474, 18.5370,
26.8052

258.9846,
243.8807, 300.4430

■ 14.5268, 11.3362,
17.1958

■ 47.4479, 40.9503,
55.5711

■ 8.5721, 6.2934,
10.2108

■ 64.6586, 56.9315,
75.5646

■ 4.5180, 3.0243,
5.4315

■ 85.5966, 76.6084,
99.8567

■ 1.9992, 1.1444,
2.4395

■ 110.6273,
100.3652, 128.8657

■ 0.6335, 0.0156,
0.8078

140.1161,
128.5865, 163.0103

■ 0.0000, 0.0000,
0.0000

174.4283,

161.6566, 202.7091

213.9294,
199.9598, 248.3804

■ 22.7474, 18.5370,
26.8052

■ 22.7474, 18.5370,
26.8052

■ 21.0319, 15.6067,
24.6888

■ 24.7563, 22.0329,
29.0828

■ 19.5927, 13.2093,
22.7267

■ 27.0709, 26.1200,
31.5258

■ 18.4138, 11.3123,
20.9129

■ 29.7050, 30.8252,
34.1398

■ 17.4766, 9.8790,
19.2405

■ 32.6711, 36.1731,
36.9296

■ 16.7598, 8.8672,
17.7016

■ 35.9809, 42.1870,
39.8998

■ 16.2387, 8.2274,
16.2872

■ 39.6454, 48.8890,
43.0547

■ 15.9126, 7.8826,
15.2309

■ 43.6754, 56.3000,
46.3986

■ 48.0810, 64.4402,
49.9355

■ 52.8719, 73.3291,
53.6693

Harmonies

Analogous

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



20.8152, 18.5370, 34.6178



22.7474, 18.5370, 26.8052



23.2479, 18.5370, 18.6952

Triad

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



22.7474, 18.5370, 26.8052



17.0912, 18.5370, 8.7886



13.7731, 18.5370, 30.1286

Complementary

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



22.7474, 18.5370, 26.8052



20.3709, 27.0341, 21.2851

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.



12.9808, 18.5370, 21.7491



22.7474, 18.5370, 26.8052



14.7677, 18.5370, 10.4501

Square

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



22.7474, 18.5370, 26.8052



19.8003, 18.5370, 9.4963



13.3256, 18.5370, 14.7536



15.6038, 18.5370, 36.8517

Rectangle

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



22.7474, 18.5370, 26.8052



22.6623, 18.5370, 14.3984



13.3256, 18.5370, 14.7536



13.3854, 18.5370, 27.3419

Sweetspot

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



22.7480, 18.5378, 26.8056



49.2986, 48.2326, 57.2905



18.1563, 16.0449, 32.2774



10.7582, 10.4236, 12.5209



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.



22.7480, 18.5378, 26.8056



38.6153, 29.5598, 45.4242



21.1604, 17.9028, 18.4455



6.3859, 6.2935, 7.4124



13.1662, 6.5207, 12.6660



0.2122, 0.1036, 0.2703

Inverse Universe

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



22.7480, 18.5378, 26.8056



38.6153, 29.5598, 45.4242



22.0121, 27.6906, 29.9276



6.3859, 6.2935, 7.4124



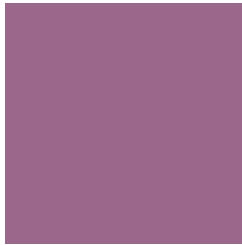
13.1662, 6.5207, 12.6660



0.2122, 0.1036, 0.2703

Previews

White Background



This preview shows how the XYZ color 22.7474, 18.5370, 26.8052 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 22.7474, 18.5370, 26.8052 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 22.7474, 18.5370, 26.8052

Background



This preview shows how black text looks on a background with the XYZ color 22.7474, 18.5370, 26.8052.



This preview shows how white text looks on a background with the XYZ color 22.7474, 18.5370,

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

22.7474, 18.5370, 26.8052

Protanopia

18.5853, 18.5715, 31.0389

Deuteranopia

19.0450, 18.7397, 26.2802



Tritanopia

21.0926, 18.4701, 18.9764

Trichromacy



Original Color

22.7474, 18.5370, 26.8052

Protanomaly

19.7684, 18.3666, 29.2913

Deuteranomaly

20.2131, 18.4917, 26.5487

Tritanomaly

21.6583, 18.5499, 21.5078

Monochromacy



Original Color

22.7474, 18.5370, 26.8052

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.0394, 19.1441, 23.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7474, 18.5370, 26.8052 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(153, 104, 139)` looks like.

```
.text, #text, p{  
    color:rgb(153, 104, 139)  
}
```

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(153, 104, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 104, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.7474, 18.5370, 26.8052 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(153, 104, 139) }
```


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

```
.border{ border-color:rgb(153, 104, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 104, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 104, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 104, 139);  
box-shadow:4px 4px 4px 4px rgb(153, 104,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7474, 18.5370, 26.8052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 104, 139) }
```

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

```
.background{ background-color: rgb(153,  
104, 139) }
```

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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