

Converting Colors

XYZ(22.7260, 18.3710, 24.8120)

Have a look what the booklet for
XYZ(22.7260, 18.3710, 24.8120)
contains.

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Color

**XYZ(22.8636, 18.4896,
24.9181)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6786
RGB	156, 103, 134
RGB Percent	61%, 40%, 53%
CMY	0.3882, 0.5961, 0.4745
CMYK	0.00, 0.34, 0.14, 0.39
HSL	325°, 21%, 51%
HSV	325°, 34%, 61%
XYZ	22.8636, 18.4896, 24.9181
YIQ	122.3810, 21.6370, 20.8770

Conversions

Conversions Part 2

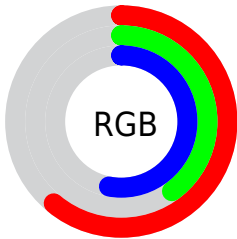
Format	Color
R_{YB}	156, 103, 134
Decimal	10250118
CIE _{Lab}	50.08, 26.11, -8.40
CIE _{LCh}	50, 27.429, 342.178
Yxy	18.4896, 0.3450, 0.2790
Android (android.graphics.Color)	4288440198 (0xFF9C6786)
YUV	122.3810, 5.7282, 29.4839
Hunter-Lab	42.9995, 19.6624, -4.2587

Details

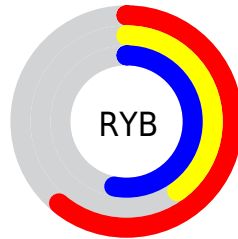
The XYZ color **22.8636, 18.4896, 24.9181** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.1844, 28.1417, 23.7185**, and the grayscale version is **18.6006, 19.5692, 21.3109**.

A 20% lighter version of the original color is **47.5550, 40.8794, 52.3978**, and **8.6753, 6.3155, 9.1493** is the 20% darker color. If you saturate the color by 10%, you get **21.0164, 15.4959, 22.1418**, and if you desaturate by 10%, it is **25.0290, 22.0750, 27.9373**.

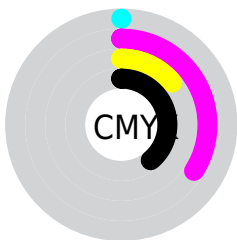
Distribution



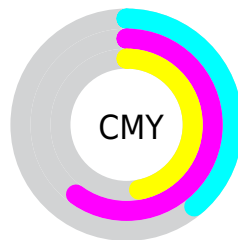
- Red (61%)
- Green (40%)
- Blue (53%)



- Red (61%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8636, 18.4896, 24.9181 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 22.8636, 18.4896, 24.9181 by changing the saturation by 10% instead.

■ 22.8636, 18.4896,
24.9181

■ 22.8636, 18.4896,
24.9181

259.5721,
243.6164, 290.8644

■ 14.6130, 11.3021,
15.7976

■ 47.6376, 40.8698,
52.4868

■ 8.6327, 6.2704,
9.2282

■ 64.8916, 56.8313,
71.7721

■ 4.5576, 3.0102,
4.7915

■ 85.8775, 76.4863,
95.2826

■ 2.0222, 1.1371,
2.0689

■ 110.9606,
100.2190, 123.4371

■ 0.6464, 0.0094,
0.5971

140.5062,
128.4140, 156.6540

■ 0.0000, 0.0000,
0.0000

174.8798,

161.4557, 195.3518

214.4466,
199.7283, 239.9491

■ 22.8636, 18.4896,
24.9181

■ 22.8636, 18.4896,
24.9181

■ 21.0164, 15.4959,
22.1418

■ 25.0290, 22.0750,
27.9373

■ 19.4693, 13.0590,
19.5995

■ 27.5264, 26.2796,
31.2059

■ 18.2045, 11.1441,
17.2828

■ 30.3707, 31.1322,
34.7312

■ 17.2017, 9.7113,
15.1824

■ 33.5753, 36.6589,
38.5200

■ 16.4377, 8.7152,
13.2881

■ 37.1529, 42.8845,
42.5787

■ 15.8847, 8.1010,
11.5877

■ 41.1157, 49.8324,
46.9135

■ 15.6092, 7.8275,
10.6406

■ 45.4752, 57.5251,
51.5304

■ 50.2424, 65.9840,
56.4351

■ 55.4279, 75.2297,
61.6332

Harmonies

Analogous

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



21.2077, 18.4896, 32.9435



22.8636, 18.4896, 24.9181



23.0182, 18.4896, 17.2181

Triad

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



22.8636, 18.4896, 24.9181



16.5245, 18.4896, 9.0017



14.0736, 18.4896, 31.5574

Complementary

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



22.8636, 18.4896, 24.9181



21.1844, 28.1417, 23.7185

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.



13.0637, 18.4896, 23.3574



22.8636, 18.4896, 24.9181



14.3807, 18.4896, 11.1651

Square

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



22.8636, 18.4896, 24.9181



19.1739, 18.4896, 9.2202



13.1702, 18.4896, 16.0018



16.0653, 18.4896, 37.3886

Rectangle

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



22.8636, 18.4896, 24.9181



22.2306, 18.4896, 13.3393



13.1702, 18.4896, 16.0018



13.6175, 18.4896, 28.9101

Sweetspot

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



22.8641, 18.4904, 24.9185



51.8699, 50.9166, 59.0395



19.1929, 16.4017, 33.6070



11.2693, 10.9582, 12.8107



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.



22.8641, 18.4904, 24.9185



38.8494, 29.2322, 41.2688



21.2840, 17.8584, 16.5974



6.7876, 6.7079, 7.7324



12.8747, 6.4544, 8.8569



0.2510, 0.1237, 0.2676

Inverse Universe

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



22.8641, 18.4904, 24.9185



38.8494, 29.2322, 41.2688



23.0441, 28.8856, 33.5119



6.7876, 6.7079, 7.7324



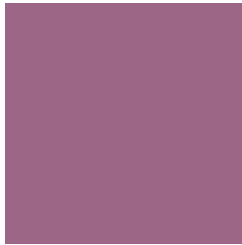
12.8747, 6.4544, 8.8569



0.2510, 0.1237, 0.2676

Previews

White Background



This preview shows how the XYZ color 22.8636, 18.4896, 24.9181 looks on a white background.

Color Contrast Check

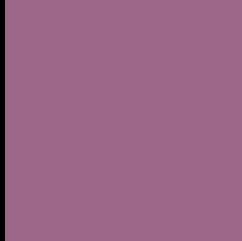
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8636, 18.4896, 24.9181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

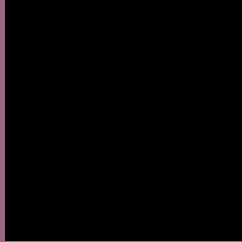
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8636, 18.4896, 24.9181

Background



This preview shows how black text looks on a background with the XYZ color 22.8636, 18.4896, 24.9181.



This preview shows how white text looks on a background with the XYZ color 22.8636, 18.4896,

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

22.8636, 18.4896, 24.9181

Protanopia

18.4519, 18.5479, 28.9931

Deuteranopia

19.0144, 18.5923, 24.4163



Tritanopia

21.6786, 18.6232, 18.6717

Trichromacy



Original Color

22.8636, 18.4896, 24.9181

Protanomaly

19.6920, 18.3708, 27.3190

Deuteranomaly

20.2346, 18.3807, 24.6717

Tritanomaly

22.1845, 18.6818, 20.8490

Monochromacy



Original Color

22.8636, 18.4896, 24.9181

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.7281, 18.8362, 22.3346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8636, 18.4896, 24.9181 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(156, 103, 134)` looks like.

```
.text, #text, p{  
    color:rgb(156, 103, 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(156, 103, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 103, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.8636, 18.4896, 24.9181 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(156, 103, 134) }
```


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

```
.border{ border-color:rgb(156, 103, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 103, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 103, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 103, 134); box-shadow:4px 4px 4px 4px rgb(156, 103, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8636, 18.4896, 24.9181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 103, 134) }
```

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

```
.background{ background-color: rgb(156,  
103, 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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