

Converting Colors

XYZ(22.2510, 19.2686, 25.2663)

Have a look what the booklet for
XYZ(22.2510, 19.2686, 25.2663)
contains.

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Color

**XYZ(22.2734, 19.2627,
25.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	956E86
RGB	149, 110, 134
RGB Percent	58%, 43%, 53%
CMY	0.4157, 0.5686, 0.4745
CMYK	0.00, 0.26, 0.10, 0.42
HSL	323°, 16%, 51%
HSV	323°, 26%, 58%
XYZ	22.2734, 19.2627, 25.0984
YIQ	124.3970, 15.5400, 15.7320

Conversions

Conversions Part 2

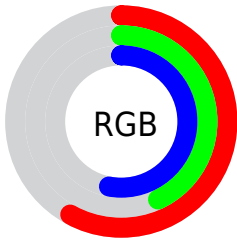
Format	Color
R_{YB}	149, 110, 134
Decimal	9793158
CIE Lab	50.99, 19.50, -7.12
CIE LCh	51, 20.758, 339.931
Yxy	19.2627, 0.3343, 0.2891
Android (android.graphics.Color)	4287983238 (0xFF956E86)
YUV	124.3970, 4.7343, 21.5768
Hunter-Lab	43.8893, 13.7808, -3.1829

Details

The XYZ color **22.2734, 19.2627, 25.0984** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8803, 26.2910, 23.3774**, and the grayscale version is **19.2722, 20.2759, 22.0804**.

A 20% lighter version of the original color is **46.7918, 42.2659, 52.7056**, and **8.3599, 6.6820, 9.2366** is the 20% darker color. If you saturate the color by 10%, you get **20.4101, 16.1584, 22.5584**, and if you desaturate by 10%, it is **24.4298, 22.9181, 27.8435**.

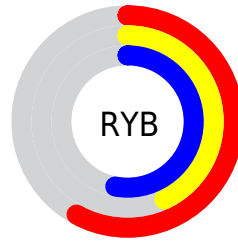
Distribution



Red (58%)

Green (43%)

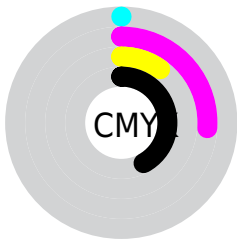
Blue (53%)



Red (58%)

Yellow (43%)

Blue (53%)

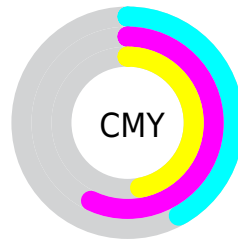


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2734, 19.2627, 25.0984 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 22.2734, 19.2627, 25.0984 by changing the saturation by 10% instead.

■ 22.2734, 19.2627,
25.0984

■ 22.2734, 19.2627,
25.0984

256.5763,
247.8952, 291.7910

■ 14.1757, 11.8603,
15.9307

■ 46.6729, 42.1775,
52.7829

■ 8.3255, 6.6486,
9.3213

■ 63.7055, 58.4587,
72.1368

■ 4.3574, 3.2433,
4.8517

■ 84.4469, 78.4682,
95.7232

■ 1.9063, 1.2600,
2.1033

■ 109.2628,
102.5905, 123.9605

■ 0.5805, 0.1099,
0.6177

138.5182,
131.2100, 157.2675

■ 0.0000, 0.0000,
0.0000

172.5788,

164.7110, 196.0625

211.8097,
203.4779, 240.7641

■ 22.2734, 19.2627,
25.0984

■ 22.2734, 19.2627,
25.0984

■ 20.4101, 16.1584,
22.5584

■ 24.4298, 22.9181,
27.8435

■ 18.8244, 13.5753,
20.2159

■ 26.8906, 27.1472,
30.7983

■ 17.5018, 11.4850,
18.0647

■ 29.6683, 31.9746,
33.9689

■ 16.4259, 9.8549,
16.0974

■ 32.7745, 37.4226,
37.3608

■ 15.5780, 8.6485,
14.3060

■ 36.2200, 43.5124,
40.9789

■ 14.9370, 7.8241,
12.6818

■ 40.0151, 50.2643,
44.8284

■ 14.4715, 7.3195,
11.2122

■ 44.1697, 57.6975,
48.9139

■ 14.3127, 7.1569,
10.6811

■ 48.6933, 65.8305,
53.2400

■ 53.5950, 74.6811,
57.8113

Harmonies

Analogous

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



20.9618, 19.2627, 30.8949



22.2734, 19.2627, 25.0984



22.4798, 19.2627, 19.0834

Triad

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



22.2734, 19.2627, 25.0984



17.6361, 19.2627, 11.6906



15.4447, 19.2627, 29.1016

Complementary

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



22.2734, 19.2627, 25.0984



20.8803, 26.2910, 23.3774

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.



14.6882, 19.2627, 22.9851



22.2734, 19.2627, 25.0984



15.8894, 19.2627, 13.4427

Square

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



22.2734, 19.2627, 25.0984



19.6972, 19.2627, 12.0444



14.8447, 19.2627, 17.3278



16.9869, 19.2627, 33.4892

Rectangle

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



22.2734, 19.2627, 25.0984



21.9481, 19.2627, 15.8223



14.8447, 19.2627, 17.3278



15.0955, 19.2627, 27.1372

Sweetspot

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



22.2740, 19.2636, 25.0988



47.2357, 47.0254, 54.0718



19.4517, 17.6791, 30.8211



10.3278, 10.1797, 11.8167



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.2740, 19.2636, 25.0988



38.0049, 31.3449, 42.4212



21.0397, 18.7699, 18.5993



5.9417, 5.8718, 6.7992



12.0608, 6.0294, 9.0674



0.1621, 0.0796, 0.1871

Inverse Universe

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



22.2740, 19.2636, 25.0988



38.0049, 31.3449, 42.4212



22.2470, 26.8377, 30.5742



5.9417, 5.8718, 6.7992



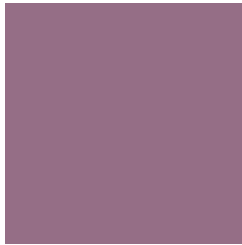
12.0608, 6.0294, 9.0674



0.1621, 0.0796, 0.1871

Previews

White Background



This preview shows how the XYZ color 22.2734, 19.2627, 25.0984 looks on a white background.

Color Contrast Check

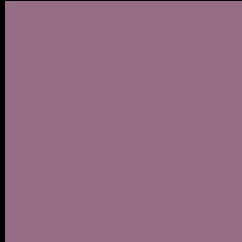
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2734, 19.2627, 25.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

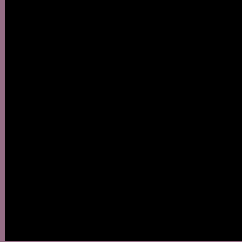
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2734, 19.2627, 25.0984

Background



This preview shows how black text looks on a background with the XYZ color 22.2734, 19.2627, 25.0984.



This preview shows how white text looks on a background with the XYZ color 22.2734, 19.2627,

25.0984.

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

22.2734, 19.2627, 25.0984

Protanopia

19.1163, 19.4494, 27.9459

Deuteranopia

19.6966, 19.2899, 24.5150



Tritanopia

21.2780, 19.1719, 20.6682

Trichromacy



Original Color

22.2734, 19.2627, 25.0984

Protanomaly

20.0020, 19.2247, 26.7013

Deuteranomaly

20.5177, 19.1892, 24.8128

Tritanomaly

21.6631, 19.1711, 22.2973

Monochromacy



Original Color

22.2734, 19.2627, 25.0984

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1660, 19.7387, 23.1692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2734, 19.2627, 25.0984 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(149, 110, 134)` looks like.

```
.text, #text, p{  
    color:rgb(149, 110, 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(149, 110, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.2734, 19.2627, 25.0984 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(149, 110, 134) }
```


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

```
.border{ border-color:rgb(149, 110, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 110, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 134);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2734, 19.2627, 25.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 134) }
```

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

```
.background{ background-color: rgb(149,  
110, 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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