

Converting Colors

XYZ(22.4715, 19.4596, 25.7971)

Have a look what the booklet for
XYZ(22.4715, 19.4596, 25.7971)
contains.

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Color

**XYZ(22.5228, 19.5360,
25.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	956F88
RGB	149, 111, 136
RGB Percent	58%, 44%, 53%
CMY	0.4157, 0.5647, 0.4667
CMYK	0.00, 0.26, 0.09, 0.42
HSL	321°, 15%, 51%
HSV	321°, 26%, 58%
XYZ	22.5228, 19.5360, 25.8763
YIQ	125.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

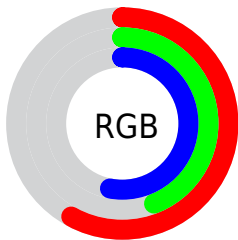
Format	Color
R_{YB}	149, 111, 136
Decimal	9793416
CIE _{Lab}	51.31, 19.29, -7.83
CIE _{LCh}	51, 20.815, 337.893
Yxy	19.5360, 0.3315, 0.2876
Android (android.graphics.Color)	4287983496 (0xFF956F88)
YUV	125.2120, 5.3185, 20.8621
Hunter-Lab	44.1995, 13.6092, -3.7712

Details

The XYZ color **22.5228, 19.5360, 25.8763** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.9419, 26.3302, 23.0484**, and the grayscale version is **19.5441, 20.5619, 22.3919**.

A 20% lighter version of the original color is **47.1843, 42.7059, 53.9003**, and **8.4942, 6.8236, 9.6735** is the 20% darker color. If you saturate the color by 10%, you get **20.6770, 16.4103, 23.5160**, and if you desaturate by 10%, it is **24.6582, 23.2127, 28.4186**.

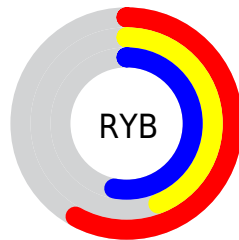
Distribution



Red (58%)

Green (44%)

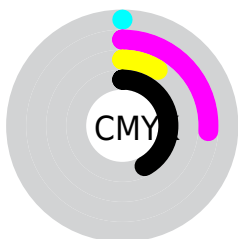
Blue (53%)



Red (58%)

Yellow (44%)

Blue (53%)

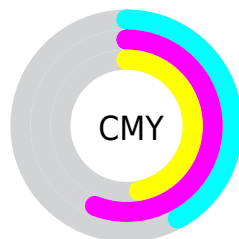


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5228, 19.5360, 25.8763 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 22.5228, 19.5360, 25.8763 by changing the saturation by 10% instead.

■ 22.5228, 19.5360,
25.8763

■ 22.5228, 19.5360,
25.8763

257.8458,
249.3920, 295.7604

■ 14.3603, 12.0582,
16.5062

■ 47.0810, 42.6379,
54.0570

■ 8.4551, 6.7833,
9.7248

■ 64.2074, 59.0307,
73.7046

■ 4.4417, 3.3270,
5.1137

■ 85.0525, 79.1641,
97.6151

■ 1.9549, 1.3047,
2.2542

■ 109.9817,
103.4224, 126.2071

■ 0.6085, 0.1449,
0.7054

139.3602,
132.1899, 159.8991

■ 0.0000, 0.0000,
0.0000

173.5535,

165.8511, 199.1096

212.9269,
204.7903, 244.2572

■ 22.5228, 19.5360,
25.8763

■ 22.5228, 19.5360,
25.8763

■ 20.6770, 16.4103,
23.5160

■ 24.6582, 23.2127,
28.4186

■ 19.1055, 13.8061,
21.3307

■ 27.0941, 27.4630,
31.1471

■ 17.7938, 11.6949,
19.3147

■ 29.8432, 32.3112,
34.0673

■ 16.7258, 10.0446,
17.4614

■ 32.9167, 37.7796,
37.1840

■ 15.8832, 8.8190,
15.7635

■ 36.3254, 43.8893,
40.5020

■ 15.2451, 7.9769,
14.2126

■ 40.0795, 50.6603,
44.0256

■ 14.7829, 7.4614,
12.7981

■ 44.1887, 58.1120,
47.7591

■ 14.6003, 7.2719,
12.1951

■ 48.6624, 66.2626,
51.7068

■ 53.5097, 75.1300,
55.8726

Harmonies

Analogous

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



21.1328, 19.5360, 31.6431



22.5228, 19.5360, 25.8763



22.8152, 19.5360, 19.7380

Triad

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



22.5228, 19.5360, 25.8763



18.0249, 19.5360, 11.8287



15.5896, 19.5360, 29.1044

Complementary

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



22.5228, 19.5360, 25.8763



20.9419, 26.3302, 23.0484

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.



14.8843, 19.5360, 22.8822



22.5228, 19.5360, 25.8763



16.2203, 19.5360, 13.4568

Square

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



22.5228, 19.5360, 25.8763



20.1134, 19.5360, 12.3314



15.1062, 19.5360, 17.2480



17.1045, 19.5360, 33.7359

Rectangle

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



22.5228, 19.5360, 25.8763



22.3294, 19.5360, 16.3534



15.1062, 19.5360, 17.2480



15.2553, 19.5360, 27.0880

Sweetspot

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



22.5234, 19.5369, 25.8767



47.3068, 47.0539, 54.4465



19.3742, 17.8001, 30.8487



10.3461, 10.1871, 11.9132



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.



22.5234, 19.5369, 25.8767



38.2502, 31.4430, 43.7129



21.3101, 19.0516, 19.4877



5.9519, 5.8758, 6.8526



12.3023, 6.1260, 10.3388



0.1644, 0.0805, 0.1996

Inverse Universe

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



22.5234, 19.5369, 25.8767



38.2502, 31.4430, 43.7129



22.2364, 26.8480, 29.8651



5.9519, 5.8758, 6.8526



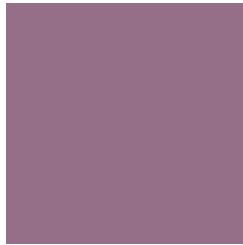
12.3023, 6.1260, 10.3388



0.1644, 0.0805, 0.1996

Previews

White Background



This preview shows how the XYZ color 22.5228, 19.5360, 25.8763 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 22.5228, 19.5360, 25.8763 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 22.5228, 19.5360, 25.8763

Background



This preview shows how black text looks on a background with the XYZ color 22.5228, 19.5360, 25.8763.



This preview shows how white text looks on a background with the XYZ color 22.5228, 19.5360,

25.8763.

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

22.5228, 19.5360, 25.8763

Protanopia

19.4030, 19.5799, 28.7432

Deuteranopia

19.9532, 19.5820, 25.2823



Tritanopia

21.4506, 19.4184, 21.0299

Trichromacy



Original Color

22.5228, 19.5360, 25.8763

Protanomaly

20.3008, 19.3619, 27.4782

Deuteranomaly

20.7719, 19.4743, 25.5858

Tritanomaly

21.8377, 19.4165, 22.6755

Monochromacy



Original Color

22.5228, 19.5360, 25.8763

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.5104, 20.0863, 23.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5228, 19.5360, 25.8763 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, 111, 136)` looks like.

```
.text, #text, p{  
    color:rgb(149, 111, 136)  
}
```

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, 111, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 111, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.5228, 19.5360, 25.8763 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, 111, 136) }
```


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

```
.border{ border-color:rgb(149, 111, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 111, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 111, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 111, 136);  
box-shadow:4px 4px 4px 4px rgb(149, 111,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5228, 19.5360, 25.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 111, 136) }
```

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

```
.background{ background-color: rgb(149,  
111, 136) }
```

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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