

Converting Colors

XYZ(22.0421, 18.2894, 28.3551)

Have a look what the booklet for
XYZ(22.0421, 18.2894, 28.3551)
contains.

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Color

**XYZ(22.0421, 18.2894,
28.3551)**

Conversions

Conversions Part 1

Format	Color
Hex	93698F
RGB	147, 105, 143
RGB Percent	58%, 41%, 56%
CMY	0.4235, 0.5882, 0.4392
CMYK	0.00, 0.29, 0.03, 0.42
HSL	306°, 17%, 49%
HSV	306°, 29%, 58%
XYZ	22.0421, 18.2894, 28.3551
YIQ	121.8900, 12.8340, 20.7220

Conversions

Conversions Part 2

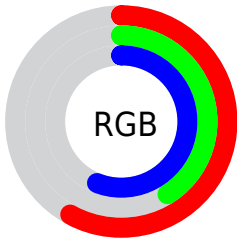
Format	Color
R_{YB}	147, 105, 143
Decimal	9660815
CIE _{Lab}	49.85, 23.38, -14.19
CIE _{LCh}	50, 27.346, 328.736
Yxy	18.2894, 0.3209, 0.2663
Android (android.graphics.Color)	4287850895 (0xFF93698F)
YUV	121.8900, 10.4072, 22.0215
Hunter-Lab	42.7661, 17.1601, -9.3746

Details

The XYZ color **22.0421, 18.2894, 28.3551** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0205, 24.9753, 18.2872**, and the grayscale version is **18.4275, 19.3872, 21.1126**.

A 20% lighter version of the original color is **46.4921, 40.7017, 58.2291**, and **8.2628, 6.2034, 11.1178** is the 20% darker color. If you saturate the color by 10%, you get **20.5671, 15.5078, 27.3436**, and if you desaturate by 10%, it is **23.7784, 21.5908, 29.4606**.

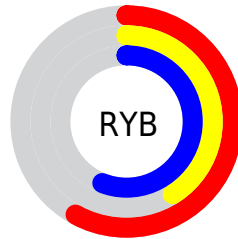
Distribution



Red (58%)

Green (41%)

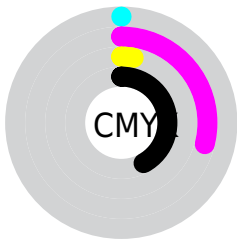
Blue (56%)



Red (58%)

Yellow (41%)

Blue (56%)

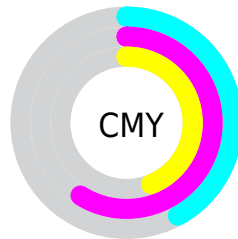


Cyan (0%)

Magenta (29%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0421, 18.2894, 28.3551 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 22.0421, 18.2894, 28.3551 by changing the saturation by 10% instead.

■ 22.0421, 18.2894,
28.3551

■ 22.0421, 18.2894,
28.3551

255.3943,
242.4972, 308.1250

■ 14.0046, 11.1580,
18.3521

■ 46.2939, 40.5298,
58.0808

■ 8.2056, 6.1732,
11.0311

■ 63.2389, 56.4076,
78.6406

■ 4.2797, 2.9507,
5.9733

■ 83.8839, 75.9697,
103.5564

■ 1.8616, 1.1060,
2.7603

■ 108.5940, 99.6003,
133.2468

■ 0.5543, 0.0000,
0.9736

137.7348,
127.6840, 168.1304

■ 0.0000, 0.0000,
0.0000

171.6715,

160.6051, 208.6255

210.7696,
198.7481, 255.1509

■ 22.0421, 18.2894,
28.3551

■ 22.0421, 18.2894,
28.3551

■ 20.5671, 15.5078,
27.3436

■ 23.7784, 21.5908,
29.4606

■ 19.3384, 13.2169,
26.4205

■ 25.7866, 25.4343,
30.6632

■ 18.3420, 11.3886,
25.5813

■ 28.0789, 29.8438,
31.9670

■ 17.5618, 9.9907,
24.8206

■ 30.6661, 34.8411,
33.3757

■ 16.9799, 8.9872,
24.1325

■ 33.5587, 40.4469,
34.8929

■ 16.5752, 8.3360,
23.5099

■ 36.7664, 46.6808,
36.5217

■ 16.3031, 7.9478,
22.9378

■ 40.2986, 53.5615,
38.2654

■ 16.2664, 7.8966,
22.8572

■ 44.1643, 61.1070,
40.1269

■ 48.3721, 69.3346,
42.1092

Harmonies

Analogous

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



19.9130, 18.2894, 35.3852



22.0421, 18.2894, 28.3551



22.9065, 18.2894, 20.2332

Triad

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



22.0421, 18.2894, 28.3551



17.4946, 18.2894, 8.7135



13.3393, 18.2894, 27.6649

Complementary

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



22.0421, 18.2894, 28.3551



19.0205, 24.9753, 18.2872

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.



12.8283, 18.2894, 19.5983



22.0421, 18.2894, 28.3551



15.0779, 18.2894, 9.7732

Square

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



22.0421, 18.2894, 28.3551



20.1239, 18.2894, 9.9721



13.4324, 18.2894, 13.3403



14.9040, 18.2894, 34.9215

Rectangle

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



22.0421, 18.2894, 28.3551



22.5895, 18.2894, 15.6401



13.4324, 18.2894, 13.3403



13.0460, 18.2894, 24.9033

Sweetspot

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



22.0427, 18.2902, 28.3555



45.9438, 45.0961, 54.7753



16.5642, 15.4303, 29.7093



10.3722, 10.0724, 12.4360



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.



22.0427, 18.2902, 28.3555



37.8014, 29.5933, 49.6502



20.6288, 17.7246, 20.9099



6.0118, 5.8998, 7.1680



14.1069, 6.8478, 19.8417



0.1782, 0.0860, 0.2722

Inverse Universe

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



22.0427, 18.2902, 28.3555



37.8014, 29.5933, 49.6502



20.2558, 25.4695, 24.7927



6.0118, 5.8998, 7.1680



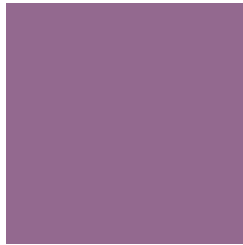
14.1069, 6.8478, 19.8417



0.1782, 0.0860, 0.2722

Previews

White Background



This preview shows how the XYZ color 22.0421, 18.2894, 28.3551 looks on a white background.

Color Contrast Check

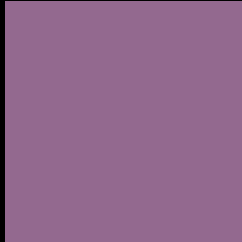
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.0421, 18.2894, 28.3551 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 22.0421, 18.2894, 28.3551

Background



This preview shows how black text looks on a background with the XYZ color 22.0421, 18.2894, 28.3551.



This preview shows how white text looks on a background with the XYZ color 22.0421, 18.2894,

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

22.0421, 18.2894, 28.3551

Protanopia

18.5763, 18.5389, 32.3050

Deuteranopia

18.7988, 18.4069, 27.7614



Tritanopia

20.3475, 18.3892, 19.6166

Trichromacy



Original Color

22.0421, 18.2894, 28.3551

Protanomaly

19.4983, 18.1911, 30.9173

Deuteranomaly

19.8826, 18.2872, 28.0730

Tritanomaly

20.8704, 18.2772, 22.5065

Monochromacy



Original Color

22.0421, 18.2894, 28.3551

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6347, 18.9278, 23.7377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0421, 18.2894, 28.3551 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(147, 105, 143)` looks like.

```
.text, #text, p{  
    color:rgb(147, 105, 143)  
}
```

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(147, 105, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 105, 143) }
```

Border

The CSS property to change the border of an element to XYZ 22.0421, 18.2894, 28.3551 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(147, 105, 143) }
```


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

```
.border{ border-color:rgb(147, 105, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 105, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 105, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 105, 143);  
box-shadow:4px 4px 4px 4px rgb(147, 105,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0421, 18.2894, 28.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 105, 143) }
```

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

```
.background{ background-color: rgb(147,  
105, 143) }
```

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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