

Converting Colors

XYZ(22.1123, 18.3959, 32.7660)

Have a look what the booklet for
XYZ(22.1123, 18.3959, 32.7660)
contains.

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Color

**XYZ(22.1421, 18.3919,
32.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6A9A
RGB	142, 106, 154
RGB Percent	56%, 42%, 60%
CMY	0.4431, 0.5843, 0.3961
CMYK	0.08, 0.31, 0.00, 0.40
HSL	285°, 19%, 51%
HSV	285°, 31%, 60%
XYZ	22.1421, 18.3919, 32.9548
YIQ	122.2360, 6.0480, 22.5600

Conversions

Conversions Part 2

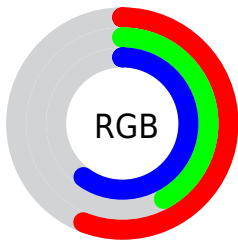
Format	Color
R _Y B	142, 106, 154
Decimal	9333402
CIE _{Lab}	49.97, 23.31, -20.54
CIE _{LCh}	50, 31.071, 318.609
Yxy	18.3919, 0.3013, 0.2503
Android (android.graphics.Color)	4287523482 (0xFF8E6A9A)
YUV	122.2360, 15.6597, 17.3330
Hunter-Lab	42.8858, 17.1102, -15.5403

Details

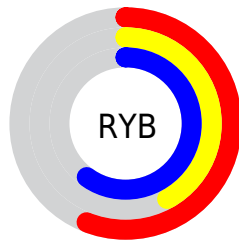
The XYZ color **22.1421, 18.3919, 32.9548** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.6288, 28.0038, 17.9018**, and the grayscale version is **18.5253, 19.4900, 21.2246**.

A 20% lighter version of the original color is **46.5004, 40.7929, 65.7446**, and **8.2756, 6.2295, 13.5982** is the 20% darker color. If you saturate the color by 10%, you get **20.0463, 15.1638, 32.4424**, and if you desaturate by 10%, it is **24.5469, 22.2034, 33.5640**.

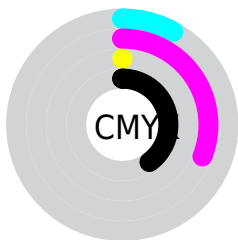
Distribution



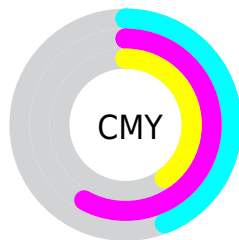
- Red (56%)
- Green (42%)
- Blue (60%)



- Red (56%)
- Yellow (42%)
- Blue (60%)



- Cyan (8%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1421, 18.3919, 32.9548 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 22.1421, 18.3919, 32.9548 by changing the saturation by 10% instead.

■ 22.1421, 18.3919,
32.9548

■ 22.1421, 18.3919,
32.9548

255.9059,
243.0708, 330.0718

■ 14.0785, 11.2317,
21.8210

■ 46.4579, 40.7040,
65.4202

■ 8.2574, 6.2229,
13.5284

■ 63.4408, 56.6247,
87.5888

■ 4.3133, 2.9811,
7.6584

■ 84.1275, 76.2343,
114.2727

■ 1.8808, 1.1219,
3.7925

■ 108.8834, 99.9173,
145.8906

■ 0.5657, 0.0000,
1.5122

138.0738,
128.0581, 182.8609

■ 0.0000, 0.0000,
0.2270

172.0641,

■ 0.0000, 0.0000,

161.0410, 225.6022

0.0000

211.2197,
199.2504, 274.5329

■ 22.1421, 18.3919,
32.9548

■ 22.1421, 18.3919,
32.9548

■ 20.0463, 15.1638,
32.4424

■ 24.5469, 22.2034,
33.5640

■ 18.2423, 12.4860,
32.0207

■ 27.2732, 26.6242,
34.2736

■ 16.7137, 10.3258,
31.6843

■ 30.3352, 31.6816,
35.0884

■ 15.4417, 8.6461,
31.4271

■ 33.7453, 37.4006,
36.0126

■ 14.4051, 7.4047,
31.2421

■ 37.5155, 43.8046,
37.0500

■ 13.5788, 6.5516,
31.1210

■ 41.6572, 50.9160,
38.2043

■ 12.9691, 6.0120,
31.0490

■ 46.1812, 58.7563,
39.4792

■ 51.0979, 67.3459,
40.8780

■ 56.4173, 76.7043,
42.4040

Harmonies

Analogous

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



19.3741, 18.3919, 39.9534



22.1421, 18.3919, 32.9548



23.7218, 18.3919, 23.4449

Triad

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



22.1421, 18.3919, 32.9548



18.6373, 18.3919, 7.8611



12.5931, 18.3919, 25.7326

Complementary

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



22.1421, 18.3919, 32.9548



21.6288, 28.0038, 17.9018

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.



12.4436, 18.3919, 16.9561



22.1421, 18.3919, 32.9548



15.7153, 18.3919, 8.1513

Square

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



22.1421, 18.3919, 32.9548



21.5502, 18.3919, 10.0643



13.5247, 18.3919, 11.0164



13.9592, 18.3919, 35.0336

Rectangle

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



22.1421, 18.3919, 32.9548



23.7810, 18.3919, 17.6680



13.5247, 18.3919, 11.0164



12.4052, 18.3919, 22.5842

Sweetspot

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



22.1427, 18.3927, 32.9552



50.5995, 50.0964, 62.5390



18.2557, 18.3549, 33.1528



11.2875, 11.0676, 14.1117



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.



22.1427, 18.3927, 32.9552



37.6586, 29.4394, 59.2338



23.3634, 19.1318, 28.0531



6.3104, 6.2459, 7.8020



10.5999, 4.9155, 25.2978



0.1907, 0.0901, 0.3797

Inverse Universe

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



21.7510, 18.4868, 19.5621



36.9399, 29.6976, 30.7951



20.7700, 27.4838, 21.3505



6.2690, 6.2468, 6.7967



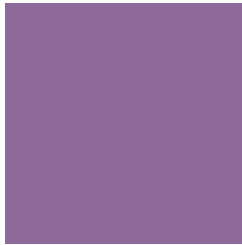
11.1617, 5.7189, 2.1105



0.1798, 0.0907, 0.0996

Previews

White Background



This preview shows how the XYZ color 22.1421, 18.3919, 32.9548 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 22.1421, 18.3919, 32.9548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

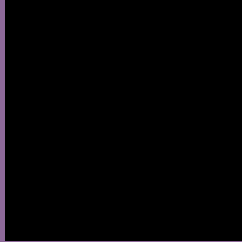
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1421, 18.3919, 32.9548

Background



This preview shows how black text looks on a background with the XYZ color 22.1421, 18.3919, 32.9548.



This preview shows how white text looks on a background with the XYZ color 22.1421, 18.3919,

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

22.1421, 18.3919, 32.9548

Protanopia

19.0332, 18.6654, 37.2500

Deuteranopia

18.8388, 18.5003, 32.2838



Tritanopia

19.5619, 18.2872, 20.5879

Trichromacy



Original Color

22.1421, 18.3919, 32.9548

Protanomaly

19.9702, 18.4946, 35.7750

Deuteranomaly

19.9671, 18.3952, 32.6353

Tritanomaly

20.4570, 18.3343, 24.6510

Monochromacy



Original Color

22.1421, 18.3919, 32.9548

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6017, 18.8791, 25.1652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1421, 18.3919, 32.9548 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(142, 106, 154)` looks like.

```
.text, #text, p{  
    color:rgb(142, 106, 154)  
}
```

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(142, 106, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 106, 154) }
```

Border

The CSS property to change the border of an element to XYZ 22.1421, 18.3919, 32.9548 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(142, 106, 154) }
```


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

```
.border{ border-color:rgb(142, 106, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 106, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 106, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 106, 154);  
box-shadow:4px 4px 4px 4px rgb(142, 106,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1421, 18.3919, 32.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 106, 154) }
```

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

```
.background{ background-color: rgb(142,  
106, 154) }
```

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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