

Converting Colors

XYZ(22.6813, 23.0302, 19.5859)

Have a look what the booklet for
XYZ(22.6813, 23.0302, 19.5859)
contains.

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Color

**XYZ(22.6218, 22.9581,
19.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	918173
RGB	145, 129, 115
RGB Percent	57%, 51%, 45%
CMY	0.4314, 0.4941, 0.5490
CMYK	0.00, 0.11, 0.21, 0.43
HSL	28°, 12%, 51%
HSV	28°, 21%, 57%
XYZ	22.6218, 22.9581, 19.4587
YIQ	132.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

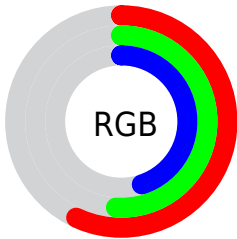
Format	Color
R_{YB}	145, 141, 115
Decimal	9535859
CIE Lab	55.03, 3.70, 9.81
CIE LCh	55, 10.484, 69.333
Yxy	22.9581, 0.3478, 0.3530
Android (android.graphics.Color)	4287725939 (0xFF918173)
YUV	132.1880, -8.4737, 11.2361
Hunter-Lab	47.9146, 0.4242, 9.4618

Details

The XYZ color **22.6218, 22.9581, 19.4587** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2971, 21.9211, 29.9495**, and the grayscale version is **22.0266, 23.1737, 25.2361**.

A 20% lighter version of the original color is **47.2562, 48.3880, 43.4084**, and **8.4979, 8.5223, 6.5073** is the 20% darker color. If you saturate the color by 10%, you get **20.8722, 20.6906, 15.0777**, and if you desaturate by 10%, it is **24.5810, 25.4343, 24.5577**.

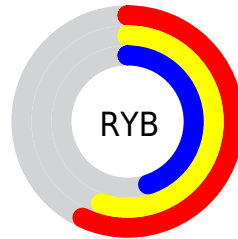
Distribution



Red (57%)

Green (51%)

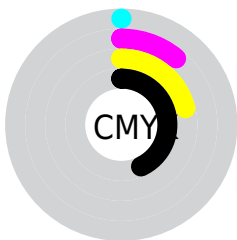
Blue (45%)



Red (57%)

Yellow (55%)

Blue (45%)

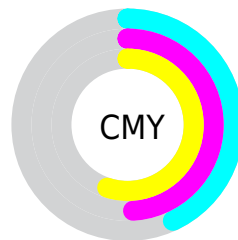


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6218, 22.9581, 19.4587 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 22.6218, 22.9581, 19.4587 by changing the saturation by 10% instead.

■ 22.6218, 22.9581,
19.4587

■ 22.6218, 22.9581,
19.4587

258.3483,
267.5097, 261.4761

■ 14.4337, 14.5626,
11.8220

■ 47.2428, 48.3245,
43.3547

■ 8.5066, 8.5130,
6.5015

■ 64.4064, 66.0642,
60.4512

■ 4.4753, 4.4249,
3.0787

■ 85.2925, 87.6874,
81.5380

■ 1.9744, 1.9140,
1.1350

110.2665,
113.5785, 107.0337

■ 0.6195, 0.5568,
0.0000

139.6937,
144.1219, 137.3568

■ 0.0000, 0.0000,
0.0000

173.9395,

179.7019, 172.9259

213.3692,
220.7031, 214.1594

■ 22.6218, 22.9581,
19.4587

■ 22.6218, 22.9581,
19.4587

■ 20.8722, 20.6906,
15.0777

■ 24.5810, 25.4343,
24.5577

■ 19.3224, 18.6229,
11.3805

■ 26.7554, 28.1218,
30.4038

■ 17.9649, 16.7499,
8.3321

■ 29.1524, 31.0268,
37.0266

■ 16.7905, 15.0650,
5.8939

■ 31.7788, 34.1545,
44.4532

■ 15.7894, 13.5613,
4.0232

■ 34.6408, 37.5099,
52.7098

■ 14.9505, 12.2312,
2.6715

■ 37.7447, 41.0977,
61.8210

■ 14.2611, 11.0663,
1.7823

■ 41.0961, 44.9225,
71.8108

■ 13.7251, 10.1158,
1.2291

■ 44.7008, 48.9888,
82.7019

■ 48.5642, 53.3010,
94.5163

Harmonies

Analogous

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



23.6013, 22.9581, 21.1450



22.6218, 22.9581, 19.4587



21.4595, 22.9581, 19.1823

Triad

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



22.6218, 22.9581, 19.4587



19.6828, 22.9581, 26.0532



23.2729, 22.9581, 30.2995

Complementary

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



22.6218, 22.9581, 19.4587



20.2971, 21.9211, 29.9495

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.



22.1866, 22.9581, 31.8830



22.6218, 22.9581, 19.4587



20.1325, 22.9581, 29.2916

Square

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



22.6218, 22.9581, 19.4587



19.7900, 22.9581, 22.7993



21.0393, 22.9581, 31.4986



23.9864, 22.9581, 27.3326

Rectangle

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



22.6218, 22.9581, 19.4587



20.7411, 22.9581, 19.8077



21.0393, 22.9581, 31.4986



22.9377, 22.9581, 31.0227

Sweetspot

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



22.6224, 22.9591, 19.4592



45.7495, 47.6980, 48.5882



21.9047, 19.9202, 24.1634



10.1294, 10.5515, 10.6801



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.6224, 22.9591, 19.4592



38.9530, 39.1077, 30.9001



24.7449, 27.2041, 20.1667



5.6034, 5.8131, 5.7161



11.7981, 8.7278, 1.0628



0.1345, 0.1269, 0.0174

Inverse Universe

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



20.2971, 21.9211, 29.9495



33.9869, 36.8902, 53.3028



18.4267, 18.1802, 29.3260



5.3527, 5.7012, 6.8471



6.7053, 6.3966, 23.8583



0.0862, 0.1053, 0.2355

Previews

White Background



This preview shows how the XYZ color 22.6218, 22.9581, 19.4587 looks on a white background.

Color Contrast Check

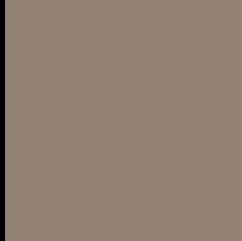
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6218, 22.9581, 19.4587 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 22.6218, 22.9581, 19.4587

Background



This preview shows how black text looks on a background with the XYZ color 22.6218, 22.9581, 19.4587.



This preview shows how white text looks on a background with the XYZ color 22.6218, 22.9581,

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

22.6218, 22.9581, 19.4587

Protanopia

21.7499, 22.8968, 19.7962

Deuteranopia

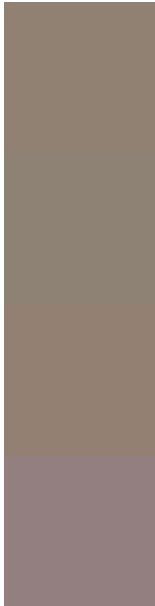
23.2616, 22.9006, 19.4139



Tritanopia

24.1175, 22.9952, 26.4599

Trichromacy



Original Color

22.6218, 22.9581, 19.4587

Protanomaly

22.1195, 22.8889, 19.7752

Deuteranomaly

23.0264, 22.9720, 19.4401

Tritanomaly

23.5183, 22.9403, 23.6104

Monochromacy



Original Color

22.6218, 22.9581, 19.4587

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1987, 23.0573, 23.0192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6218, 22.9581, 19.4587 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(145, 129, 115)` looks like.

```
.text, #text, p{  
    color:rgb(145, 129, 115)  
}
```

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(145, 129, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 129, 115) }
```

Border

The CSS property to change the border of an element to XYZ 22.6218, 22.9581, 19.4587 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(145, 129, 115) }
```


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

```
.border{ border-color:rgb(145, 129, 115) }
```

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

Here you see how a box with a 4 pixel rgb(145, 129, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 129, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 129, 115);  
box-shadow:4px 4px 4px 4px rgb(145, 129,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6218, 22.9581, 19.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 129, 115) }
```

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

```
.background{ background-color: rgb(145,  
129, 115) }
```

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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