

Converting Colors

XYZ(22.5256, 18.3476, 18.0479)

Have a look what the booklet for
XYZ(22.5256, 18.3476, 18.0479)
contains.

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Color

**XYZ(22.4299, 18.2721,
17.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	A16671
RGB	161, 102, 113
RGB Percent	63%, 40%, 44%
CMY	0.3686, 0.6000, 0.5569
CMYK	0.00, 0.37, 0.30, 0.37
HSL	349°, 24%, 52%
HSV	349°, 37%, 63%
XYZ	22.4299, 18.2721, 17.9675
YIQ	120.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

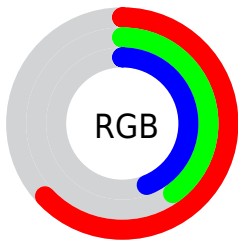
Format	Color
R_{YB}	161, 102, 113
Decimal	10577521
CIE _{Lab}	49.82, 25.26, 3.79
CIE _{LCh}	50, 25.539, 8.536
Yxy	18.2721, 0.3823, 0.3114
Android (android.graphics.Color)	4288767601 (0xFFA16671)
YUV	120.8950, -3.8922, 35.1721
Hunter-Lab	42.7459, 18.8584, 5.0006

Details

The XYZ color **22.4299, 18.2721, 17.9675** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7301, 30.5168, 33.4953**, and the grayscale version is **18.1456, 19.0905, 20.7896**.

A 20% lighter version of the original color is **46.9624, 40.5795, 40.9548**, and **8.4576, 6.2081, 5.7535** is the 20% darker color. If you saturate the color by 10%, you get **20.3136, 15.1356, 13.8825**, and if you desaturate by 10%, it is **24.9610, 22.0675, 22.7164**.

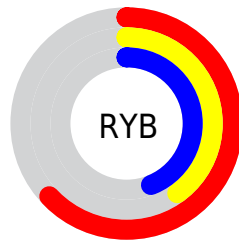
Distribution



Red (63%)

Green (40%)

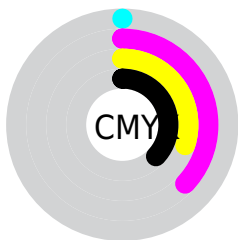
Blue (44%)



Red (63%)

Yellow (40%)

Blue (44%)

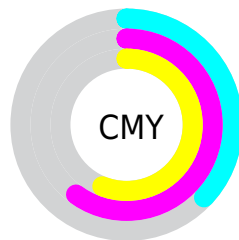


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (37%)



Cyan (37%)


Magenta (60%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4299, 18.2721, 17.9675 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 22.4299, 18.2721, 17.9675 by changing the saturation by 10% instead.

 22.4299, 18.2721,
17.9675


 22.4299, 18.2721,
17.9675


257.3735,
242.4003, 252.9178


 14.2915, 11.1455,
10.7575


 46.9291, 40.5004,
40.7951


 8.4067, 6.1648,
5.7919


 64.0206, 56.3710,
57.2498

 4.4103, 2.9455,
2.6522

 84.8272, 75.9250,
77.6231

 1.9368, 1.1034,
0.9192

 109.7141, 99.5468,
102.3335

 0.5981, 0.0000,
0.0000

139.0469,
127.6208, 131.7997

 0.0000, 0.0000,
0.0000

173.1909,

160.5315, 166.4401

212.5113,
198.6632, 206.6733

■ 22.4299, 18.2721,
17.9675

■ 22.4299, 18.2721,
17.9675

■ 20.3136, 15.1356,
13.8825

■ 24.9610, 22.0675,
22.7164

■ 18.5881, 12.6179,
10.4304

■ 27.9261, 26.5538,
28.1559

■ 17.2294, 10.6784,
7.5794


■ 31.3448, 31.7639,
34.3129

■ 16.2101, 9.2708,
5.2943


■ 35.2355, 37.7279,
41.2122


■ 15.4988, 8.3414,
3.5363


■ 39.6152, 44.4743,
48.8776


 15.0512, 7.8122,
2.2589

 44.5001, 52.0300,
57.3318

 14.9323, 7.6708,
1.9225

 49.9057, 60.4206,
66.5964

 55.8470, 69.6706,
76.6924

 62.3381, 79.8036,
87.6398

Harmonies

Analogous

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



22.1073, 18.2721, 25.2256



22.4299, 18.2721, 17.9675



21.2998, 18.2721, 12.6459

Triad

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



22.4299, 18.2721, 17.9675



14.6062, 18.2721, 11.1301



15.7069, 18.2721, 35.1951

Complementary

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



22.4299, 18.2721, 17.9675



23.7301, 30.5168, 33.4953

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.



13.9509, 18.2721, 29.4907



22.4299, 18.2721, 17.9675



13.3580, 18.2721, 15.3742

Square

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



22.4299, 18.2721, 17.9675



16.6802, 18.2721, 9.3496



13.1299, 18.2721, 21.9561



18.0725, 18.2721, 36.3524

Rectangle

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



22.4299, 18.2721, 17.9675



19.9317, 18.2721, 10.4973



13.1299, 18.2721, 21.9561



15.0324, 18.2721, 33.6910

Sweetspot

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



22.4304, 18.2730, 17.9679



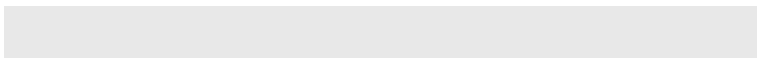
53.2391, 52.4641, 56.2574



23.6159, 18.4853, 36.0414



11.5082, 11.2502, 12.0355



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.4304, 18.2730, 17.9679



37.0155, 28.0429, 26.1058



23.7772, 21.8981, 15.5452



7.1252, 7.1065, 7.6458



11.9377, 6.1311, 1.5967



0.2649, 0.1344, 0.1075

Inverse Universe

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



22.4304, 18.2730, 17.9679



37.0155, 28.0429, 26.1058



21.7808, 25.1337, 37.4214



7.1252, 7.1065, 7.6458



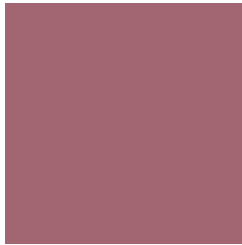
11.9377, 6.1311, 1.5967



0.2649, 0.1344, 0.1075

Previews

White Background



This preview shows how the XYZ color 22.4299, 18.2721, 17.9675 looks on a white background.

Color Contrast Check

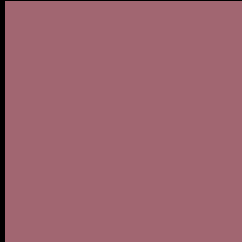
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4299, 18.2721, 17.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

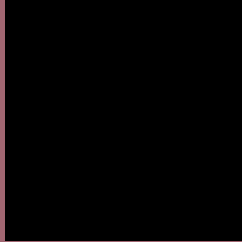
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4299, 18.2721, 17.9675

Background



This preview shows how black text looks on a background with the XYZ color 22.4299, 18.2721, 17.9675.



This preview shows how white text looks on a background with the XYZ color 22.4299, 18.2721,

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

22.4299, 18.2721, 17.9675

Protanopia

17.7370, 18.3551, 21.0204

Deuteranopia

18.6728, 18.3957, 17.6055



Tritanopia

22.2638, 18.2056, 17.0925

Trichromacy



Original Color

22.4299, 18.2721, 17.9675

Protanomaly

19.1156, 18.0711, 19.9333

Deuteranomaly

19.8283, 18.1614, 17.7897

Tritanomaly

22.3186, 18.2275, 17.3809

Monochromacy



Original Color

22.4299, 18.2721, 17.9675

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.4407, 18.5769, 19.7006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4299, 18.2721, 17.9675 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(161, 102, 113)` looks like.

```
.text, #text, p{  
    color:rgb(161, 102, 113)  
}
```

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(161, 102, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 102, 113) }
```

Border

The CSS property to change the border of an element to XYZ 22.4299, 18.2721, 17.9675 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(161, 102, 113) }
```


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

```
.border{ border-color:rgb(161, 102, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 102, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 102, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 102, 113);  
box-shadow:4px 4px 4px 4px rgb(161, 102,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4299, 18.2721, 17.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 102, 113) }
```

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

```
.background{ background-color: rgb(161,  
102, 113) }
```

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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