

Converting Colors

XYZ(22.3295, 17.6605, 22.5991)

Have a look what the booklet for
XYZ(22.3295, 17.6605, 22.5991)
contains.

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Color

**XYZ(22.2627, 17.6503,
22.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6380
RGB	157, 99, 128
RGB Percent	62%, 39%, 50%
CMY	0.3843, 0.6117, 0.4980
CMYK	0.00, 0.37, 0.18, 0.38
HSL	330°, 23%, 50%
HSV	330°, 37%, 62%
XYZ	22.2627, 17.6503, 22.6555
YIQ	119.6480, 25.2590, 21.3150

Conversions

Conversions Part 2

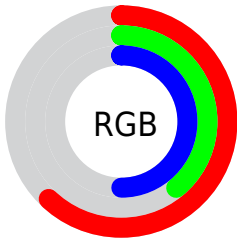
Format	Color
R_{YB}	157, 99, 128
Decimal	10314624
CIE _{Lab}	49.07, 27.74, -6.33
CIE _{LCh}	49, 28.454, 347.156
Yxy	17.6503, 0.3558, 0.2821
Android (android.graphics.Color)	4288504704 (0xFF9D6380)
YUV	119.6480, 4.1175, 32.7577
Hunter-Lab	42.0123, 21.0674, -2.5641

Details

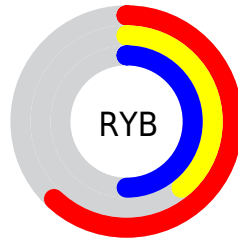
The XYZ color **22.2627, 17.6503, 22.6555** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0996, 28.3255, 24.7787**, and the grayscale version is **17.7224, 18.6453, 20.3048**.

A 20% lighter version of the original color is **46.8477, 39.6155, 48.8935**, and **8.3040, 5.8752, 8.0935** is the 20% darker color. If you saturate the color by 10%, you get **20.4205, 14.7610, 19.5900**, and if you desaturate by 10%, it is **24.4351, 21.1356, 26.0288**.

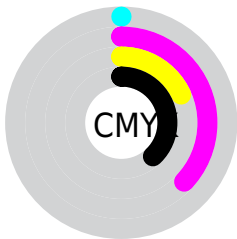
Distribution



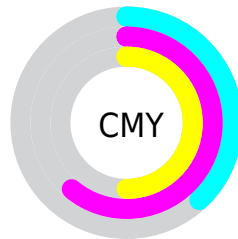
- Red (62%)
- Green (39%)
- Blue (50%)



- Red (62%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2627, 17.6503, 22.6555 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 22.2627, 17.6503, 22.6555 by changing the saturation by 10% instead.

■ 22.2627, 17.6503,
22.6555

■ 22.2627, 17.6503,
22.6555

256.5218,
238.8925, 279.0149

■ 14.1677, 10.6992,
14.1364

■ 46.6554, 39.4405,
48.7430

■ 8.3199, 5.8650,
8.0758

■ 63.6839, 55.0485,
67.1486

■ 4.3538, 2.7631,
4.0550

■ 84.4209, 74.3108,
89.6867

■ 1.9042, 1.0094,
1.6556

■ 109.2319, 97.6120,
116.7760

■ 0.5793, 0.0000,
0.3300

138.4821,
125.3363, 148.8349

■ 0.0000, 0.0000,
0.0000

172.5369,

157.8683, 186.2820

211.7616,
195.5922, 229.5358

■ 22.2627, 17.6503,
22.6555

■ 22.2627, 17.6503,
22.6555

■ 20.4205, 14.7610,
19.5900

■ 24.4351, 21.1356,
26.0288

■ 18.8893, 12.4312,
16.8207

■ 26.9524, 25.2456,
29.7184

■ 17.6499, 10.6242,
14.3370


■ 29.8305, 30.0104,
33.7341


■ 16.6807, 9.2979,
12.1269


■ 33.0835, 35.4571,
38.0845


■ 15.9564, 8.4034,
10.1769


■ 36.7251, 41.6114,
42.7781


 15.4382, 7.8650,
8.4689

 40.7678, 48.4977,
47.8229

 15.2976, 7.7253,
7.9861

 45.2241, 56.1391,
53.2269

 50.1055, 64.5578,
58.9974

 55.4232, 73.7752,
65.1418

Harmonies

Analogous

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



20.8050, 17.6503, 30.9751



22.2627, 17.6503, 22.6555



22.1429, 17.6503, 15.2196

Triad

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



22.2627, 17.6503, 22.6555



15.3147, 17.6503, 8.3587



13.5381, 17.6503, 32.0568

Complementary

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



22.2627, 17.6503, 22.6555



21.0996, 28.3255, 24.7787

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.



12.3551, 17.6503, 23.8621



22.2627, 17.6503, 22.6555



13.3041, 17.6503, 10.8911

Square

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



22.2627, 17.6503, 22.6555



17.9369, 17.6503, 8.1963



12.2742, 17.6503, 16.1474



15.6665, 17.6503, 37.2907

Rectangle

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



22.2627, 17.6503, 22.6555



21.1832, 17.6503, 11.6702



12.2742, 17.6503, 16.1474



13.0270, 17.6503, 29.4719

Sweetspot

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



22.2632, 17.6511, 22.6559



51.1409, 49.9537, 57.2697



19.4505, 15.9482, 33.9515



11.1127, 10.7593, 12.4058



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.



22.2632, 17.6511, 22.6559



37.2145, 27.4335, 36.1881



20.6192, 16.9935, 13.9988



6.7644, 6.6987, 7.6105



12.4432, 6.2818, 6.5847



0.2438, 0.1209, 0.2301

Inverse Universe

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



22.2632, 17.6511, 22.6559



37.2145, 27.4335, 36.1881



23.2889, 29.2012, 36.3073



6.7644, 6.6987, 7.6105



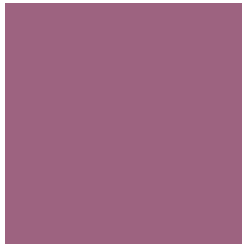
12.4432, 6.2818, 6.5847



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 22.2627, 17.6503, 22.6555 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 22.2627, 17.6503, 22.6555 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 22.2627, 17.6503, 22.6555

Background



This preview shows how black text looks on a background with the XYZ color 22.2627, 17.6503, 22.6555.



This preview shows how white text looks on a background with the XYZ color 22.2627, 17.6503,

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

22.2627, 17.6503, 22.6555

Protanopia

17.5877, 17.7996, 26.9348

Deuteranopia

18.1764, 17.8753, 21.8943



Tritanopia

21.0834, 17.5971, 17.0372

Trichromacy



Original Color

22.2627, 17.6503, 22.6555

Protanomaly

18.8512, 17.4903, 25.3041

Deuteranomaly

19.5511, 17.7620, 22.1366

Tritanomaly

21.5749, 17.6596, 19.1012

Monochromacy



Original Color

22.2627, 17.6503, 22.6555

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.0422, 18.0049, 21.2106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2627, 17.6503, 22.6555 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(157, 99, 128)` looks like.

```
.text, #text, p{  
    color:rgb(157, 99, 128)  
}
```

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(157, 99, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 99, 128) }
```

Border

The CSS property to change the border of an element to XYZ 22.2627, 17.6503, 22.6555 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(157, 99, 128) }
```


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

```
.border{ border-color:rgb(157, 99, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 99, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 99, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 99, 128);  
box-shadow:4px 4px 4px 4px rgb(157, 99,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2627, 17.6503, 22.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 99, 128) }
```

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

```
.background{ background-color: rgb(157, 99,  
128) }
```

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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