

Converting Colors

XYZ(22.8486, 18.0833, 17.9714)

Have a look what the booklet for
XYZ(22.8486, 18.0833, 17.9714)
contains.

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Color

**XYZ(22.7523, 18.0084,
17.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	A46371
RGB	164, 99, 113
RGB Percent	64%, 39%, 44%
CMY	0.3569, 0.6117, 0.5569
CMYK	0.00, 0.40, 0.31, 0.36
HSL	347°, 26%, 52%
HSV	347°, 40%, 64%
XYZ	22.7523, 18.0084, 17.8996
YIQ	120.0310, 34.2460, 18.1340

Conversions

Conversions Part 2

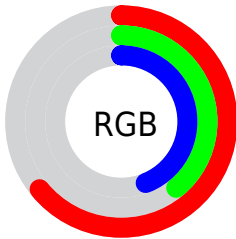
Format	Color
R_{YB}	164, 99, 113
Decimal	10773361
CIE _{Lab}	49.51, 28.10, 3.38
CIE _{LCh}	50, 28.303, 6.860
Yxy	18.0084, 0.3879, 0.3070
Android (android.graphics.Color)	4288963441 (0xFFA46371)
YUV	120.0310, -3.4663, 38.5608
Hunter-Lab	42.4363, 21.4396, 4.6969

Details

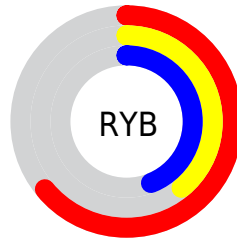
The XYZ color **22.7523, 18.0084, 17.8996** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9268, 31.4060, 33.6565**, and the grayscale version is **17.8660, 18.7964, 20.4693**.

A 20% lighter version of the original color is **47.3733, 40.0655, 40.8339**, and **8.5684, 6.0643, 5.7200** is the 20% darker color. If you saturate the color by 10%, you get **20.6796, 14.9413, 13.8843**, and if you desaturate by 10%, it is **25.2443, 21.7494, 22.5619**.

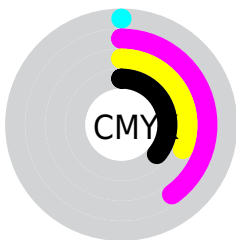
Distribution



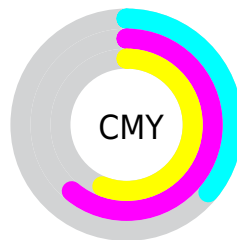
- Red (64%)
- Green (39%)
- Blue (44%)



- Red (64%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (36%)





- Cyan (36%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.7523, 18.0084, 17.8996 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 22.7523, 18.0084, 17.8996 by changing the saturation by 10% instead.


 22.7523, 18.0084,
17.8996


 22.7523, 18.0084,
17.8996

259.0094,
240.9184, 252.5216


 14.5304, 10.9560,
10.7092


 47.4559, 40.0516,
40.6778


 8.5746, 6.0373,
5.7600


 64.6684, 55.8113,
57.1027

 4.5197, 2.8678,
2.6333

 85.6084, 75.2421,
77.4429

 2.0001, 1.0631,
0.9096

 110.6413, 98.7286,
102.1169

 0.6340, 0.0000,
0.0000

140.1325,
126.6551, 131.5432

 0.0000, 0.0000,
0.0000

174.4474,

159.4059, 166.1404

213.9512,
197.3656, 206.3270

■ 22.7523, 18.0084,
17.8996

■ 22.7523, 18.0084,
17.8996

■ 20.6796, 14.9413,
13.8843

■ 25.2443, 21.7494,
22.5619

■ 19.0012, 12.5053,
10.4858

■ 28.1756, 26.1984,
27.8974

■ 17.6915, 10.6568,
7.6732


■ 31.5671, 31.3906,
33.9320


■ 16.7216, 9.3454,
5.4123


■ 35.4375, 37.3577,
40.6899


■ 16.0576, 8.5124,
3.6649


■ 39.8046, 44.1300,
48.1942

 15.6317, 8.0317,
2.3788

 44.6854, 51.7358,
56.4669

 15.6180, 8.0158,
2.3389

 50.0959, 60.2022,
65.5293

 56.0515, 69.5551,
75.4014

 62.5669, 79.8192,
86.1030

Harmonies

Analogous

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



22.2992, 18.0084, 25.9904



22.7523, 18.0084, 17.8996



21.5739, 18.0084, 12.0281

Triad

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



22.7523, 18.0084, 17.8996



14.2108, 18.0084, 10.0203



15.1723, 18.0084, 36.5269

Complementary

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



22.7523, 18.0084, 17.8996



23.9268, 31.4060, 33.6565

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.



13.3196, 18.0084, 29.8466



22.7523, 18.0084, 17.8996



12.8062, 18.0084, 14.3668

Square

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



22.7523, 18.0084, 17.8996



16.5090, 18.0084, 8.3118



12.4978, 18.0084, 21.4220



17.7386, 18.0084, 38.1873

Rectangle

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



22.7523, 18.0084, 17.8996



20.0874, 18.0084, 9.6736



12.4978, 18.0084, 21.4220



14.4539, 18.0084, 34.7227

Sweetspot

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



22.7528, 18.0093, 17.9000



55.6204, 54.4014, 58.6264



23.7256, 18.0810, 37.3615



11.9926, 11.6370, 12.5205



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.7528, 18.0093, 17.9000



37.7864, 27.4871, 25.6949



23.9725, 21.6141, 14.7139



7.1333, 7.1098, 7.6884



11.9901, 6.1521, 1.8727



0.2677, 0.1356, 0.1224

Inverse Universe

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



22.7528, 18.0093, 17.9000



37.7864, 27.4871, 25.6949



22.0619, 25.7632, 38.9320



7.1333, 7.1098, 7.6884



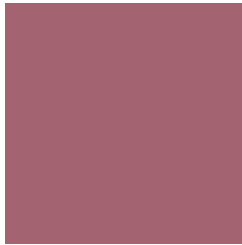
11.9901, 6.1521, 1.8727



0.2677, 0.1356, 0.1224

Previews

White Background



This preview shows how the XYZ color 22.7523, 18.0084, 17.8996 looks on a white background.

Color Contrast Check

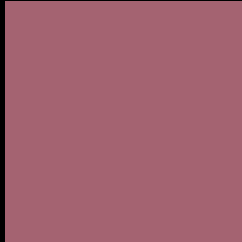
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7523, 18.0084, 17.8996 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 22.7523, 18.0084, 17.8996

Background



This preview shows how black text looks on a background with the XYZ color 22.7523, 18.0084, 17.8996.



This preview shows how white text looks on a background with the XYZ color 22.7523, 18.0084,

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

22.7523, 18.0084, 17.8996

Protanopia

17.6071, 18.0998, 21.6344

Deuteranopia

18.3475, 18.0660, 17.2719



Tritanopia

22.3153, 17.9624, 16.2009

Trichromacy



Original Color

22.7523, 18.0084, 17.8996

Protanomaly

18.9578, 17.6588, 20.1786

Deuteranomaly

19.8395, 18.0143, 17.4704

Tritanomaly

22.4217, 18.0050, 16.7616

Monochromacy



Original Color

22.7523, 18.0084, 17.8996

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1584, 18.1069, 19.3149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7523, 18.0084, 17.8996 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(164, 99, 113)` looks like.

```
.text, #text, p{  
    color:rgb(164, 99, 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(164, 99, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 99, 113) }
```

Border

The CSS property to change the border of an element to XYZ 22.7523, 18.0084, 17.8996 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(164, 99, 113) }
```


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

```
.border{ border-color:rgb(164, 99, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 99, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 99, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 99, 113);  
box-shadow:4px 4px 4px 4px rgb(164, 99,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7523, 18.0084, 17.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 99, 113) }
```

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

```
.background{ background-color: rgb(164, 99,  
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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