

Converting Colors

XYZ(22.4487, 17.6356, 15.0528)

Have a look what the booklet for
XYZ(22.4487, 17.6356, 15.0528)
contains.

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Color

**XYZ(22.4488, 17.6357,
15.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	A66167
RGB	166, 97, 103
RGB Percent	65%, 38%, 40%
CMY	0.3490, 0.6196, 0.5961
CMYK	0.00, 0.42, 0.38, 0.35
HSL	355°, 28%, 52%
HSV	355°, 42%, 65%
XYZ	22.4488, 17.6357, 15.0528
YIQ	118.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

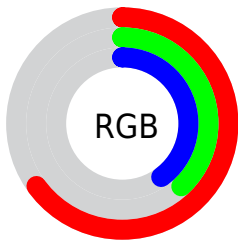
Format	Color
R_{YB}	166, 97, 103
Decimal	10903911
CIE _{Lab}	49.05, 28.68, 8.74
CIE _{LCh}	49, 29.978, 16.955
Yxy	17.6357, 0.4071, 0.3199
Android (android.graphics.Color)	4289093991 (0xFFA66167)
YUV	118.3150, -7.5503, 41.8197
Hunter-Lab	41.9949, 21.9280, 8.1443

Details

The XYZ color **22.4488, 17.6357, 15.0528** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9121, 32.3523, 38.1913**, and the grayscale version is **17.3335, 18.2362, 19.8592**.

A 20% lighter version of the original color is **47.0116, 39.5160, 35.7214**, and **8.3677, 5.8617, 4.4318** is the 20% darker color. If you saturate the color by 10%, you get **20.3793, 14.6058, 10.9436**, and if you desaturate by 10%, it is **24.9782, 21.3644, 19.9961**.

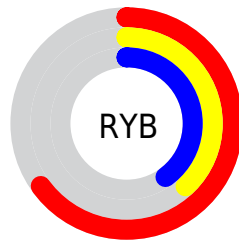
Distribution



Red (65%)

Green (38%)

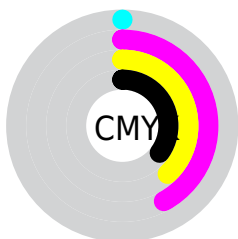
Blue (40%)



Red (65%)

Yellow (38%)

Blue (40%)

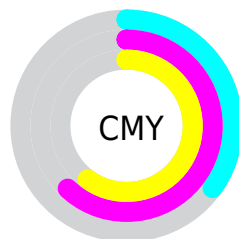


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (35%)



Cyan (35%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4488, 17.6357, 15.0528 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 22.4488, 17.6357, 15.0528 by changing the saturation by 10% instead.

■ 22.4488, 17.6357,
15.0528

■ 22.4488, 17.6357,
15.0528

257.4697,
238.8096, 235.3374

■ 14.3055, 10.6888,
8.7094

■ 46.9600, 39.4156,
35.6894

■ 8.4166, 5.8580,
4.4579

■ 64.0586, 55.0173,
50.8197

■ 4.4167, 2.7589,
1.8798

■ 84.8730, 74.2728,
69.7160

■ 1.9405, 1.0072,
0.4798

■ 109.7686, 97.5663,
92.7969

■ 0.6002, 0.0000,
0.0000

139.1107,
125.2824, 120.4810

■ 0.0000, 0.0000,
0.0000

173.2647,

157.8054, 153.1867

212.5959,
195.5196, 191.3327

■ 22.4488, 17.6357,
15.0528

■ 22.4488, 17.6357,
15.0528

■ 20.3793, 14.6058,
10.9436

■ 24.9782, 21.3644,
19.9961

■ 18.7405, 12.2287,
7.6215

■ 27.9913, 25.8290,
25.8150

■ 17.5024, 10.4572,
5.0363


■ 31.5121, 31.0669,
32.5493


■ 16.6302, 9.2363,
3.1317


■ 35.5626, 37.1124,
40.2363


■ 16.0833, 8.5013,
1.8431


■ 40.1634, 43.9976,
48.9110

 15.8081, 8.1399,
1.1687

 45.3340, 51.7529,
58.6067

 51.0931, 60.4072,
69.3552

 57.4583, 69.9881,
81.1868

 64.4468, 80.5219,
94.1307

Harmonies

Analogous

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



22.5644, 17.6357, 22.8916



22.4488, 17.6357, 15.0528



20.7063, 17.6357, 10.0043

Triad

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



22.4488, 17.6357, 15.0528



13.1320, 17.6357, 10.4932



15.5777, 17.6357, 38.4476

Complementary

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



22.4488, 17.6357, 15.0528



24.9121, 32.3523, 38.1913

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.



13.3537, 17.6357, 32.7966



22.4488, 17.6357, 15.0528



12.0511, 17.6357, 15.9323

Square

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



22.4488, 17.6357, 15.0528



15.2427, 17.6357, 7.9186



12.1275, 17.6357, 24.0518



18.3795, 17.6357, 38.0172

Rectangle

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



22.4488, 17.6357, 15.0528



18.9561, 17.6357, 8.2326



12.1275, 17.6357, 24.0518



14.7445, 17.6357, 37.1420

Sweetspot

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



22.4493, 17.6366, 15.0531



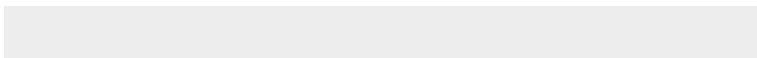
56.7408, 55.7120, 58.2152



25.4761, 18.6847, 38.3402



12.5107, 12.1891, 12.6713



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.4493, 17.6366, 15.0531



37.2009, 26.8209, 20.2914



25.1673, 23.5371, 14.5271



7.5566, 7.5525, 7.9823



12.2664, 6.3153, 0.9483



0.3064, 0.1568, 0.0650

Inverse Universe

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



22.4493, 17.6366, 15.0531



37.2009, 26.8209, 20.2914



20.9595, 23.5874, 39.5246



7.5566, 7.5525, 7.9823



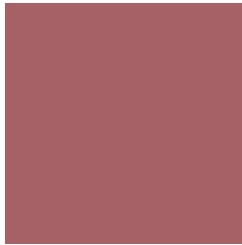
12.2664, 6.3153, 0.9483



0.3064, 0.1568, 0.0650

Previews

White Background



This preview shows how the XYZ color 22.4488, 17.6357, 15.0528 looks on a white background.

Color Contrast Check

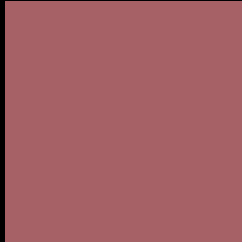
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4488, 17.6357, 15.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

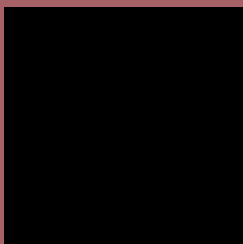
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4488, 17.6357, 15.0528

Background



This preview shows how black text looks on a background with the XYZ color 22.4488, 17.6357, 15.0528.



This preview shows how white text looks on a background with the XYZ color 22.4488, 17.6357,

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

22.4488, 17.6357, 15.0528

Protanopia

17.0877, 17.9079, 18.1787

Deuteranopia

18.0369, 17.7987, 14.5414



Tritanopia

22.4993, 17.6559, 15.3188

Trichromacy



Original Color

22.4488, 17.6357, 15.0528

Protanomaly

18.6528, 17.5744, 16.8771

Deuteranomaly

19.4607, 17.5660, 14.6768

Tritanomaly

22.4993, 17.6559, 15.3188

Monochromacy



Original Color

22.4488, 17.6357, 15.0528

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.5482, 17.4950, 18.0221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4488, 17.6357, 15.0528 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(166, 97, 103)` looks like.

```
.text, #text, p{  
    color:rgb(166, 97, 103)  
}
```

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(166, 97, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 97, 103) }
```

Border

The CSS property to change the border of an element to XYZ 22.4488, 17.6357, 15.0528 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(166, 97, 103) }
```


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

```
.border{ border-color:rgb(166, 97, 103) }
```

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

Here you see how a box with a 4 pixel rgb(166, 97, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 97, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 97, 103);  
box-shadow:4px 4px 4px 4px rgb(166, 97,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4488, 17.6357, 15.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 97, 103) }
```

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

```
.background{ background-color: rgb(166, 97,  
103) }
```

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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