

Converting Colors

XYZ(22.5912, 17.9585, 14.5801)

Have a look what the booklet for
XYZ(22.5912, 17.9585, 14.5801)
contains.

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Color

**XYZ(22.5367, 17.9703,
14.5927)**

Conversions

Conversions Part 1

Format	Color
Hex	A66365
RGB	166, 99, 101
RGB Percent	65%, 39%, 40%
CMY	0.3490, 0.6117, 0.6039
CMYK	0.00, 0.40, 0.39, 0.35
HSL	358°, 27%, 52%
HSV	358°, 40%, 65%
XYZ	22.5367, 17.9703, 14.5927
YIQ	119.2610, 39.2900, 14.8260

Conversions

Conversions Part 2

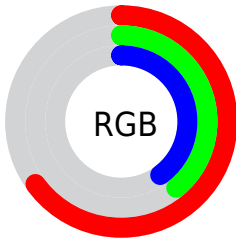
Format	Color
R_{YB}	166, 99, 101
Decimal	10904421
CIE Lab	49.46, 27.32, 10.51
CIE LCh	49, 29.269, 21.048
Yxy	17.9703, 0.4090, 0.3261
Android (android.graphics.Color)	4289094501 (0xFFA66365)
YUV	119.2610, -9.0027, 40.9901
Hunter-Lab	42.3914, 20.7117, 9.2641

Details

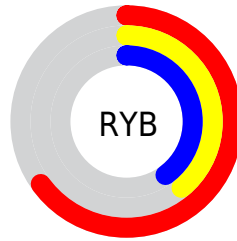
The XYZ color **22.5367, 17.9703, 14.5927** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4835, 32.6058, 40.0743**, and the grayscale version is **17.6367, 18.5552, 20.2066**.

A 20% lighter version of the original color is **47.1655, 40.0882, 34.9577**, and **8.5318, 6.0787, 4.2137** is the 20% darker color. If you saturate the color by 10%, you get **20.4093, 14.8570, 10.3645**, and if you desaturate by 10%, it is **25.1429, 21.7937, 19.7438**.

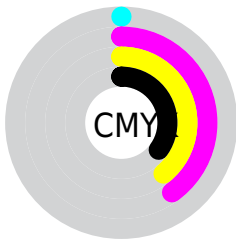
Distribution



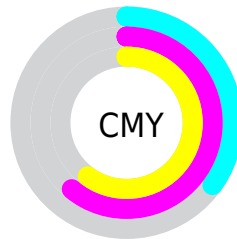
- Red (65%)
- Green (39%)
- Blue (40%)



- Red (65%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5367, 17.9703, 14.5927 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 22.5367, 17.9703, 14.5927 by changing the saturation by 10% instead.

■ 22.5367, 17.9703,
14.5927

■ 22.5367, 17.9703,
14.5927

257.9164,
240.7036, 232.4427

■ 14.3706, 10.9287,
8.3906

■ 47.1037, 39.9867,
34.8692

■ 8.4623, 6.0189,
4.2546

■ 64.2354, 55.7303,
49.7807

■ 4.4464, 2.8566,
1.7660

■ 85.0862, 75.1433,
68.4323

■ 1.9577, 1.0573,
0.4054

■ 110.0217, 98.6101,
91.2428

■ 0.6100, 0.0000,
0.0000

139.4071,
126.5152, 118.6305

■ 0.0000, 0.0000,
0.0000

173.6078,

159.2428, 151.0140

212.9891,
197.1775, 188.8119

■ 22.5367, 17.9703,
14.5927

■ 22.5367, 17.9703,
14.5927

■ 20.4093, 14.8570,
10.3645

■ 25.1429, 21.7937,
19.7438

■ 18.7304, 12.4077,
7.0038

■ 28.2532, 26.3644,
25.8668

■ 17.4681, 10.5749,
4.4507


■ 31.8926, 31.7202,
33.0084


■ 16.5862, 9.3038,
2.6374


■ 36.0842, 37.8956,
41.2120


■ 16.0418, 8.5299,
1.4851


■ 40.8496, 44.9228,
50.5186

 15.7530, 8.1178,
0.8786

 46.2093, 52.8325,
60.9669

 52.1828, 61.6540,
72.5938

 58.7887, 71.4148,
85.4344

 66.0447, 82.1417,
99.5225

Harmonies

Analogous

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



22.8873, 17.9703, 22.0322



22.5367, 17.9703, 14.5927



20.6445, 17.9703, 9.9552

Triad

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



22.5367, 17.9703, 14.5927



13.2711, 17.9703, 11.4720



16.2664, 17.9703, 38.7851

Complementary

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



22.5367, 17.9703, 14.5927



25.4835, 32.6058, 40.0743

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.



13.9518, 17.9703, 33.9530



22.5367, 17.9703, 14.5927



12.3493, 17.9703, 17.2922

Square

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



22.5367, 17.9703, 14.5927



15.2414, 17.9703, 8.5206



12.5843, 17.9703, 25.5590



19.0613, 17.9703, 37.4897

Rectangle

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



22.5367, 17.9703, 14.5927



18.8653, 17.9703, 8.4117



12.5843, 17.9703, 25.5590



15.4115, 17.9703, 37.7843

Sweetspot

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



22.5372, 17.9712, 14.5930



56.5759, 55.6460, 57.3467



26.6070, 19.5455, 38.4467



12.4708, 12.1731, 12.4608



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.



22.5372, 17.9712, 14.5930



37.5551, 27.7156, 19.8352



25.9967, 25.0449, 15.2696



7.5398, 7.5458, 7.8940



12.2188, 6.2962, 0.6978



0.3000, 0.1543, 0.0314

Inverse Universe

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



22.5372, 17.9712, 14.5930



37.5551, 27.7156, 19.8352



20.6562, 22.6603, 39.3615



7.5398, 7.5458, 7.8940



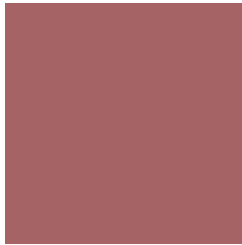
12.2188, 6.2962, 0.6978



0.3000, 0.1543, 0.0314

Previews

White Background



This preview shows how the XYZ color 22.5367, 17.9703, 14.5927 looks on a white background.

Color Contrast Check

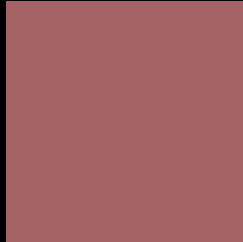
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5367, 17.9703, 14.5927 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 22.5367, 17.9703, 14.5927

Background



This preview shows how black text looks on a background with the XYZ color 22.5367, 17.9703, 14.5927.



This preview shows how white text looks on a background with the XYZ color 22.5367, 17.9703,

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

22.5367, 17.9703, 14.5927

Protanopia

17.3737, 18.2421, 17.6443

Deuteranopia

18.2631, 17.9263, 14.0528



Tritanopia

22.6951, 17.8830, 15.8913

Trichromacy



Original Color

22.5367, 17.9703, 14.5927

Protanomaly

18.8195, 17.8337, 16.3603

Deuteranomaly

19.6473, 17.8290, 14.2102

Tritanomaly

22.5923, 17.8418, 15.3498

Monochromacy



Original Color

22.5367, 17.9703, 14.5927

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8721, 17.9924, 17.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5367, 17.9703, 14.5927 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, 99, 101)` looks like.

```
.text, #text, p{  
    color:rgb(166, 99, 101)  
}
```

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, 99, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 99, 101) }
```

Border

The CSS property to change the border of an element to XYZ 22.5367, 17.9703, 14.5927 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, 99, 101) }
```


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

```
.border{ border-color:rgb(166, 99, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 99, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 99, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 99, 101);  
box-shadow:4px 4px 4px 4px rgb(166, 99,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5367, 17.9703, 14.5927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 99, 101) }
```

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

```
.background{ background-color: rgb(166, 99,  
101) }
```

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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