

Converting Colors

XYZ(22.7281, 18.1752, 16.2202)

Have a look what the booklet for
XYZ(22.7281, 18.1752, 16.2202)
contains.

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Color

**XYZ(22.7281, 18.1752,
16.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	A5646B
RGB	165, 100, 107
RGB Percent	65%, 39%, 42%
CMY	0.3529, 0.6078, 0.5804
CMYK	0.00, 0.39, 0.35, 0.35
HSL	354°, 27%, 52%
HSV	354°, 39%, 65%
XYZ	22.7281, 18.1752, 16.2202
YIQ	120.2330, 36.4930, 15.9570

Conversions

Conversions Part 2

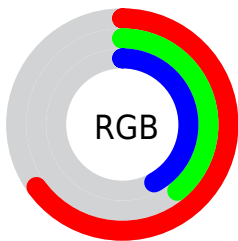
Format	Color
R_{YB}	165, 100, 107
Decimal	10839147
CIE _{Lab}	49.71, 27.12, 7.27
CIE _{LCh}	50, 28.078, 15.001
Yxy	18.1752, 0.3979, 0.3182
Android (android.graphics.Color)	4289029227 (0xFFA5646B)
YUV	120.2330, -6.5239, 39.2607
Hunter-Lab	42.6324, 20.5549, 7.2848

Details

The XYZ color **22.7281, 18.1752, 16.2202** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8831, 32.0887, 37.2317**, and the grayscale version is **17.9397, 18.8739, 20.5537**.

A 20% lighter version of the original color is **47.5240, 40.4547, 37.6515**, and **8.5991, 6.1617, 5.0111** is the 20% darker color. If you saturate the color by 10%, you get **20.5930, 15.0409, 12.0066**, and if you desaturate by 10%, it is **25.3166, 22.0051, 21.2361**.

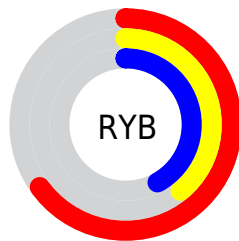
Distribution



Red (65%)

Green (39%)

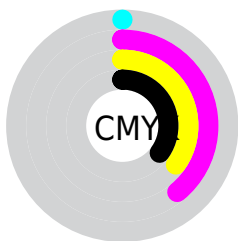
Blue (42%)



Red (65%)

Yellow (39%)

Blue (42%)

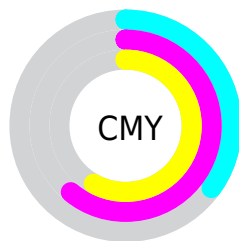


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (35%)



Cyan (35%)


Magenta (61%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.7281, 18.1752, 16.2202 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 22.7281, 18.1752, 16.2202 by changing the saturation by 10% instead.


 22.7281, 18.1752,
16.2202


 22.7281, 18.1752,
16.2202


258.8869,
241.8567, 242.5275


 14.5125, 11.0758,
9.5241


 47.4164, 40.3356,
37.7522


 8.5620, 6.1179,
4.9831


 64.6198, 56.1655,
53.4251

 4.5114, 2.9169,
2.1788

 85.5499, 75.6743,
72.9273

 1.9953, 1.0885,
0.6621

 110.5719, 99.2465,
96.6774

 0.6313, 0.0000,
0.0000

140.0512,
127.2665, 125.0940

 0.0000, 0.0000,
0.0000

174.3533,

160.1185, 158.5955

213.8434,
198.1872, 197.6005

■ 22.7281, 18.1752,
16.2202

■ 22.7281, 18.1752,
16.2202

■ 20.5930, 15.0409,
12.0066

■ 25.3166, 22.0051,
21.2361

■ 18.8837, 12.5578,
8.5526

■ 28.3811, 26.5660,
27.0919

■ 17.5718, 10.6809,
5.8131

■ 31.9445, 31.8942,
33.8242


■ 16.6249, 9.3579,
3.7377

■ 36.0276, 38.0228,
41.4668


■ 16.0054, 8.5280,
2.2695


■ 40.6501, 44.9829,
50.0521


 15.6427, 8.0670,
1.3335

 45.8309, 52.8040,
59.6106

 15.6244, 8.0423,
1.2909

 51.5876, 61.5141,
70.1716

 57.9372, 71.1400,
81.7632

 64.8962, 81.7074,
94.4121

Harmonies

Analogous

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



22.7282, 18.1752, 23.8473



22.7281, 18.1752, 16.2202



21.1685, 18.1752, 11.1019

Triad

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



22.7281, 18.1752, 16.2202



13.8907, 18.1752, 11.1022



15.9791, 18.1752, 37.6768

Complementary

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



22.7281, 18.1752, 16.2202



24.8831, 32.0887, 37.2317

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.



13.8908, 18.1752, 32.1245



22.7281, 18.1752, 16.2202



12.7723, 18.1752, 16.2207

Square

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



22.7281, 18.1752, 16.2202



15.9790, 18.1752, 8.7079



12.7723, 18.1752, 23.8479



18.6393, 18.1752, 37.6766

Rectangle

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



22.7281, 18.1752, 16.2202



19.5385, 18.1752, 9.2252



12.7723, 18.1752, 23.8479



15.1934, 18.1752, 36.3454

Sweetspot

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



22.7286, 18.1761, 16.2206



55.3123, 54.2782, 57.0035



25.3354, 19.0420, 37.9376



11.9196, 11.6078, 12.1362



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.



22.7286, 18.1761, 16.2206



37.4151, 27.7187, 22.5676



25.1410, 23.5664, 15.2814



7.1033, 7.0978, 7.5306



11.8297, 6.0880, 1.0281



0.2572, 0.1314, 0.0670

Inverse Universe

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



22.7286, 18.1761, 16.2206



37.4151, 27.7187, 22.5676



21.4381, 24.2073, 39.1400



7.1033, 7.0978, 7.5306



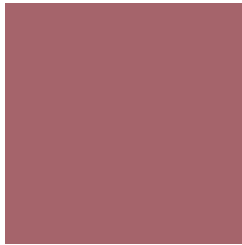
11.8297, 6.0880, 1.0281



0.2572, 0.1314, 0.0670

Previews

White Background



This preview shows how the XYZ color 22.7281, 18.1752, 16.2202 looks on a white background.

Color Contrast Check

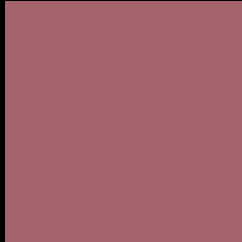
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7281, 18.1752, 16.2202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

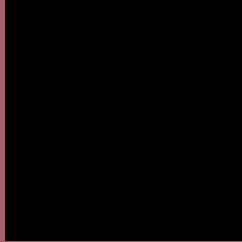
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7281, 18.1752, 16.2202

Background



This preview shows how black text looks on a background with the XYZ color 22.7281, 18.1752, 16.2202.



This preview shows how white text looks on a background with the XYZ color 22.7281, 18.1752,

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

22.7281, 18.1752, 16.2202

Protanopia

17.5745, 18.3062, 19.4368

Deuteranopia

18.5077, 18.1850, 15.6313



Tritanopia

22.7281, 18.1752, 16.2202

Trichromacy



Original Color

22.7281, 18.1752, 16.2202

Protanomaly

18.9816, 17.8795, 18.0734

Deuteranomaly

19.8725, 18.0682, 15.8047

Tritanomaly

22.7281, 18.1752, 16.2202

Monochromacy



Original Color

22.7281, 18.1752, 16.2202

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1530, 18.2823, 18.7390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7281, 18.1752, 16.2202 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(165, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(165, 100, 107)  
}
```

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(165, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 100, 107) }
```

Border

The CSS property to change the border of an element to XYZ 22.7281, 18.1752, 16.2202 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(165, 100, 107) }
```


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

```
.border{ border-color:rgb(165, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(165, 100,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7281, 18.1752, 16.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 100, 107) }
```

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

```
.background{ background-color: rgb(165,  
100, 107) }
```

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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