

Converting Colors

XYZ(22.7189, 17.7051, 17.6418)

Have a look what the booklet for
XYZ(22.7189, 17.7051, 17.6418)
contains.

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Color

**XYZ(22.7164, 17.7186,
17.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	A56170
RGB	165, 97, 112
RGB Percent	65%, 38%, 44%
CMY	0.3529, 0.6196, 0.5608
CMYK	0.00, 0.41, 0.32, 0.35
HSL	347°, 27%, 51%
HSV	347°, 41%, 65%
XYZ	22.7164, 17.7186, 17.5520
YIQ	119.0420, 35.7130, 19.0810

Conversions

Conversions Part 2

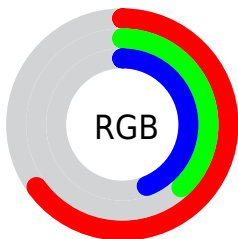
Format	Color
R_{YB}	165, 97, 112
Decimal	10838384
CIE _{Lab}	49.15, 29.46, 3.49
CIE _{LCh}	49, 29.665, 6.747
Yxy	17.7186, 0.3917, 0.3056
Android (android.graphics.Color)	4289028464 (0xFFA56170)
YUV	119.0420, -3.4717, 40.3052
Hunter-Lab	42.0935, 22.6668, 4.7429

Details

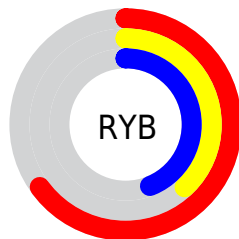
The XYZ color **22.7164, 17.7186, 17.5520** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8908, 31.6541, 33.7065**, and the grayscale version is **17.5511, 18.4651, 20.1085**.

A 20% lighter version of the original color is **47.5725, 39.7048, 40.2784**, and **8.5379, 5.8636, 5.5323** is the 20% darker color. If you saturate the color by 10%, you get **20.6817, 14.7144, 13.5896**, and if you desaturate by 10%, it is **25.1715, 21.3997, 22.1596**.

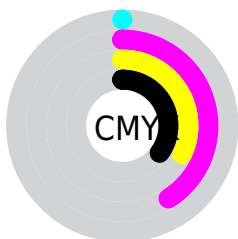
Distribution



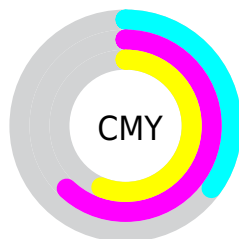
- Red (65%)
- Green (38%)
- Blue (44%)



- Red (65%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (32%)
- Black (35%)



- Cyan (35%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7164, 17.7186, 17.5520 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 22.7164, 17.7186, 17.5520 by changing the saturation by 10% instead.

■ 22.7164, 17.7186,
17.5520

■ 22.7164, 17.7186,
17.5520

258.8276,
239.2801, 250.4844

■ 14.5038, 10.7481,
10.4627

■ 47.3973, 39.5572,
40.0760

■ 8.5559, 5.8977,
5.5972

■ 64.5963, 55.1942,
56.3479

■ 4.5075, 2.7830,
2.5370

■ 85.5215, 74.4888,
76.5176

■ 1.9930, 1.0195,
0.8596

■ 110.5383, 97.8255,
101.0039

■ 0.6300, 0.0000,
0.0000

140.0119,
125.5885, 130.2251

■ 0.0000, 0.0000,
0.0000

174.3078,

158.1624, 164.5999

213.7912,
195.9314, 204.5468

■ 22.7164, 17.7186,
17.5520

■ 22.7164, 17.7186,
17.5520

■ 20.6817, 14.7144,
13.5896

■ 25.1715, 21.3997,
22.1596

■ 19.0417, 12.3431,
10.2419

■ 28.0677, 25.7928,
27.4388

■ 17.7704, 10.5596,
7.4778


■ 31.4261, 30.9339,
33.4158


■ 16.8376, 9.3117,
5.2624


■ 35.2659, 36.8557,
40.1148


■ 16.2082, 8.5381,
3.5572


■ 39.6053, 43.5890,
47.5592

 15.8415, 8.1291,
2.4346

 44.4615, 51.1627,
55.7711

 49.8509, 59.6047,
64.7718

 55.7892, 68.9412,
74.5817

 62.2913, 79.1976,
85.2204

Harmonies

Analogous

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



22.2357, 17.7186, 25.9778



22.7164, 17.7186, 17.5520



21.4896, 17.7186, 11.5168

Triad

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



22.7164, 17.7186, 17.5520



13.8456, 17.7186, 9.4540



14.8207, 17.7186, 37.0184

Complementary

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



22.7164, 17.7186, 17.5520



23.8908, 31.6541, 33.7065

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.



12.9163, 17.7186, 29.9579



22.7164, 17.7186, 17.5520



12.3981, 17.7186, 13.8655

Square

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



22.7164, 17.7186, 17.5520



16.2217, 17.7186, 7.7465



12.0776, 17.7186, 21.1445



17.4758, 17.7186, 38.8000

Rectangle

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



22.7164, 17.7186, 17.5520



19.9402, 17.7186, 9.1257



12.0776, 17.7186, 21.1445



14.0808, 17.7186, 35.1049

Sweetspot

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



22.7169, 17.7195, 17.5523



55.6355, 54.4074, 58.7055



23.4857, 17.6691, 37.7700



11.9962, 11.6384, 12.5393



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.



22.7169, 17.7195, 17.5523



37.4761, 26.9919, 25.2047



23.8213, 21.1552, 14.1382



7.1348, 7.1104, 7.6961



12.0003, 6.1562, 1.9263



0.2682, 0.1358, 0.1251

Inverse Universe

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



22.7169, 17.7195, 17.5523



37.4761, 26.9919, 25.2047



22.1350, 26.0847, 39.4656



7.1348, 7.1104, 7.6961



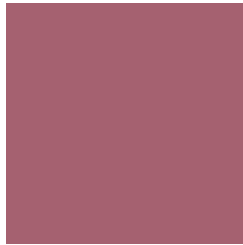
12.0003, 6.1562, 1.9263



0.2682, 0.1358, 0.1251

Previews

White Background



This preview shows how the XYZ color 22.7164, 17.7186, 17.5520 looks on a white background.

Color Contrast Check

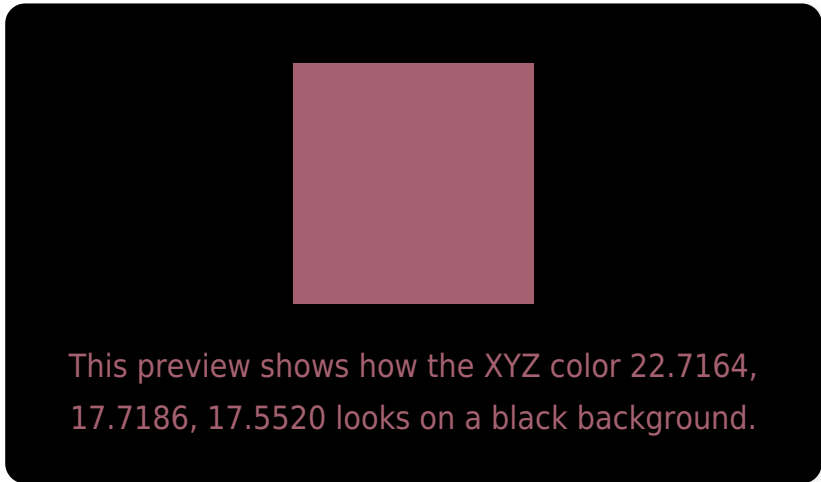
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

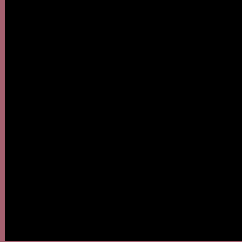
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7164, 17.7186, 17.5520

Background



This preview shows how black text looks on a background with the XYZ color 22.7164, 17.7186, 17.5520.



This preview shows how white text looks on a background with the XYZ color 22.7164, 17.7186,

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

22.7164, 17.7186, 17.5520

Protanopia

17.4077, 18.0042, 21.2966

Deuteranopia

18.1812, 17.8199, 16.9493



Tritanopia

22.2273, 17.6478, 15.5995

Trichromacy



Original Color

22.7164, 17.7186, 17.5520

Protanomaly

18.8974, 17.6347, 19.8606

Deuteranomaly

19.5738, 17.5705, 17.1116

Tritanomaly

22.3843, 17.7106, 16.4261

Monochromacy



Original Color

22.7164, 17.7186, 17.5520

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.9902, 17.8641, 18.9702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7164, 17.7186, 17.5520 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, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(165, 97, 112)  
}
```

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, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 97, 112) }
```

Border

The CSS property to change the border of an element to XYZ 22.7164, 17.7186, 17.5520 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, 97, 112) }
```


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

```
.border{ border-color:rgb(165, 97, 112) }
```

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

Here you see how a box with a 4 pixel rgb(165, 97, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(165, 97,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7164, 17.7186, 17.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 97, 112) }
```

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

```
.background{ background-color: rgb(165, 97,  
112) }
```

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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