

Converting Colors

XYZ(22.4486, 17.4762, 20.1200)

Have a look what the booklet for
XYZ(22.4486, 17.4762, 20.1200)
contains.

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Color

**XYZ(22.4238, 17.5069,
20.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	A16179
RGB	161, 97, 121
RGB Percent	63%, 38%, 47%
CMY	0.3686, 0.6196, 0.5255
CMYK	0.00, 0.40, 0.25, 0.37
HSL	338°, 25%, 51%
HSV	338°, 40%, 63%
XYZ	22.4238, 17.5069, 20.2865
YIQ	118.8720, 30.4400, 21.0320

Conversions

Conversions Part 2

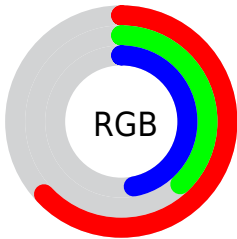
Format	Color
R_{YB}	161, 97, 121
Decimal	10576249
CIE _{Lab}	48.89, 29.24, -2.35
CIE _{LCh}	49, 29.339, 355.413
Yxy	17.5069, 0.3724, 0.2907
Android (android.graphics.Color)	4288766329 (0xFFA16179)
YUV	118.8720, 1.0491, 36.9463
Hunter-Lab	41.8412, 22.4406, 0.5424

Details

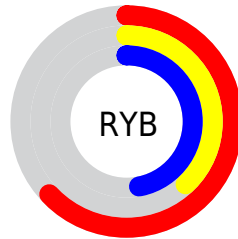
The XYZ color **22.4238, 17.5069, 20.2865** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1907, 29.8377, 28.2579**, and the grayscale version is **17.4846, 18.3952, 20.0323**.

A 20% lighter version of the original color is **46.9055, 39.2637, 44.6416**, and **8.4853, 5.8658, 6.9883** is the 20% darker color. If you saturate the color by 10%, you get **20.4991, 14.5940, 16.7575**, and if you desaturate by 10%, it is **24.7158, 21.0510, 24.2560**.

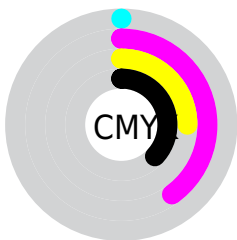
Distribution



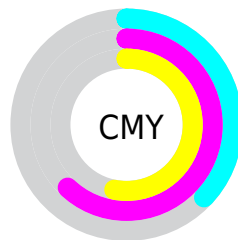
- Red (63%)
- Green (38%)
- Blue (47%)



- Red (63%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (37%)





- Cyan (37%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4238, 17.5069, 20.2865 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 22.4238, 17.5069, 20.2865 by changing the saturation by 10% instead.


 22.4238, 17.5069,
20.2865


 22.4238, 17.5069,
20.2865


257.3425,
238.0768, 266.1173


 14.2870, 10.5966,
12.4173

 46.9191, 39.1953,
44.7623

 8.4036, 5.7962,
6.9026


 64.0083, 54.7421,
62.2060

 4.4082, 2.7216,
3.3237

 84.8123, 73.9365,
83.6782

 1.9356, 0.9882,
1.2622

 109.6966, 97.1630,
109.5976

 0.5974, 0.0000,
0.0305

139.0263,
124.8059, 140.3827

 0.0000, 0.0000,
0.0000

173.1670,

157.2495, 176.4519

212.4840,
194.8784, 218.2240

■ 22.4238, 17.5069,
20.2865

■ 22.4238, 17.5069,
20.2865

■ 20.4991, 14.5940,
16.7575

■ 24.7158, 21.0510,
24.2560

■ 18.9199, 12.2724,
13.6514

■ 27.3923, 25.2583,
28.6804

■ 17.6642, 10.5011,
10.9509


■ 30.4713, 30.1615,
33.5748


■ 16.7067, 9.2333,
8.6369


■ 33.9689, 35.7905,
38.9531


■ 16.0181, 8.4137,
6.6883


■ 37.9007, 42.1733,
44.8287


 15.5345, 7.9187,
5.0715

 42.2812, 49.3365,
51.2145

 15.5234, 7.9073,
5.0345

 47.1243, 57.3054,
58.1228

 52.4432, 66.1043,
65.5655

 58.2508, 75.7561,
73.5540

Harmonies

Analogous

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



21.3334, 17.5069, 28.9043



22.4238, 17.5069, 20.2865



21.8314, 17.5069, 13.3237

Triad

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



22.4238, 17.5069, 20.2865



14.4924, 17.5069, 8.4722



13.8410, 17.5069, 34.2645

Complementary

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



22.4238, 17.5069, 20.2865



22.1907, 29.8377, 28.2579

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.



12.3443, 17.5069, 26.2487



22.4238, 17.5069, 20.2865



12.6906, 17.5069, 11.7539

Square

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



22.4238, 17.5069, 20.2865



17.0620, 17.5069, 7.6811



11.9472, 17.5069, 17.8879



16.2246, 17.5069, 38.2573

Rectangle

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



22.4238, 17.5069, 20.2865



20.5927, 17.5069, 10.2526



11.9472, 17.5069, 17.8879



13.2281, 17.5069, 31.8605

Sweetspot

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



22.4243, 17.5077, 20.2868



53.1372, 51.7231, 57.8791



20.9377, 16.3969, 35.7797



11.5057, 11.1073, 12.4599



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.4243, 17.5077, 20.2868



36.9798, 26.5368, 30.5171



21.8536, 18.4358, 13.7169



7.1785, 7.1279, 7.9264



12.4165, 6.3227, 4.1181



0.2833, 0.1418, 0.2046

Inverse Universe

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



22.4243, 17.5077, 20.2868



36.9798, 26.5368, 30.5171



22.8421, 28.0725, 37.9329



7.1785, 7.1279, 7.9264



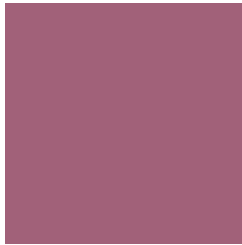
12.4165, 6.3227, 4.1181



0.2833, 0.1418, 0.2046

Previews

White Background



This preview shows how the XYZ color 22.4238, 17.5069, 20.2865 looks on a white background.

Color Contrast Check

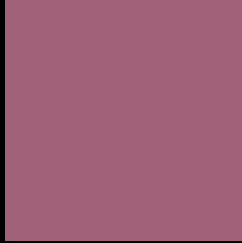
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4238, 17.5069, 20.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

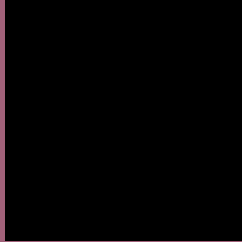
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4238, 17.5069, 20.2865

Background



This preview shows how black text looks on a background with the XYZ color 22.4238, 17.5069, 20.2865.



This preview shows how white text looks on a background with the XYZ color 22.4238, 17.5069,

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

22.4238, 17.5069, 20.2865

Protanopia

17.4185, 17.7616, 24.7006

Deuteranopia

17.9275, 17.6303, 19.5976



Tritanopia

21.7082, 17.6495, 16.1725

Trichromacy



Original Color

22.4238, 17.5069, 20.2865

Protanomaly

18.7912, 17.3476, 23.1269

Deuteranomaly

19.2349, 17.3363, 19.7852

Tritanomaly

21.8837, 17.5671, 17.5666

Monochromacy



Original Color

22.4238, 17.5069, 20.2865

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.9061, 17.7933, 20.2073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4238, 17.5069, 20.2865 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(161, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 121)  
}
```

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(161, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.4238, 17.5069, 20.2865 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(161, 97, 121) }
```


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

```
.border{ border-color:rgb(161, 97, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 121);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4238, 17.5069, 20.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 121) }
```

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

```
.background{ background-color: rgb(161, 97,  
121) }
```

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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