

Converting Colors

XYZ(28.0223, 23.6432, 22.1568)

Have a look what the booklet for
XYZ(28.0223, 23.6432, 22.1568)
contains.

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Color

**XYZ(28.0210, 23.6422,
22.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	B0767C
RGB	176, 118, 124
RGB Percent	69%, 46%, 49%
CMY	0.3098, 0.5372, 0.5137
CMYK	0.00, 0.33, 0.30, 0.31
HSL	354°, 27%, 58%
HSV	354°, 33%, 69%
XYZ	28.0210, 23.6422, 22.1553
YIQ	136.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

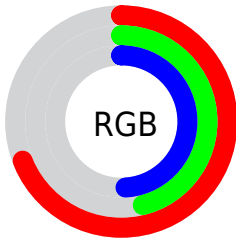
Format	Color
R _Y B	176, 118, 124
Decimal	11564668
CIE _{Lab}	55.73, 23.60, 6.03
CIE _{LCh}	56, 24.363, 14.339
Yxy	23.6422, 0.3796, 0.3203
Android (android.graphics.Color)	4289754748 (0xFFB0767C)
YUV	136.0260, -5.9288, 35.0572
Hunter-Lab	48.6232, 17.7768, 7.0206

Details

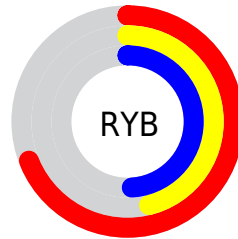
The XYZ color **28.0210, 23.6422, 22.1553** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2533, 37.8050, 43.7347**, and the grayscale version is **23.4250, 24.6449, 26.8383**.

A 20% lighter version of the original color is **56.0037, 49.5840, 47.6933**, and **11.4242, 8.9018, 7.7727** is the 20% darker color. If you saturate the color by 10%, you get **25.2191, 19.5097, 16.6855**, and if you desaturate by 10%, it is **31.3706, 28.6143, 28.5961**.

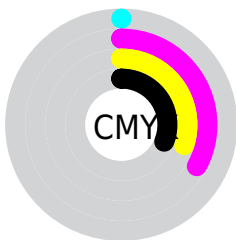
Distribution



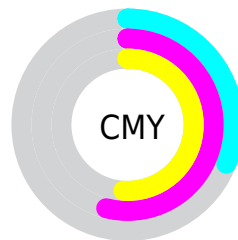
- Red (69%)
- Green (46%)
- Blue (49%)



- Red (69%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (31%)





- Cyan (31%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0210, 23.6422, 22.1553 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 28.0210, 23.6422, 22.1553 by changing the saturation by 10% instead.

 28.0210, 23.6422,
22.1553


 28.0210, 23.6422,
22.1553


284.6455,
271.0065, 276.3361


 18.4820, 15.0684,
13.7716


 55.9264, 49.4457,
47.9080

 11.3984, 8.8674,
7.8251


 75.0235, 67.4442,
66.1142

 6.4047, 4.6548,
3.8971


 98.0374, 89.3530,
88.4316

 3.1357, 2.0462,
1.5690

125.3333,
115.5567, 115.2787

 1.2259, 0.6341,
0.2686

157.2768,
146.4394, 147.0742

 0.1267, 0.0000,
0.0000

194.2331,

 0.0000, 0.0000,

182.3857, 184.2366

0.0000

236.5675,
223.7800, 227.1844

■ 28.0210, 23.6422,
22.1553

■ 28.0210, 23.6422,
22.1553

■ 25.2191, 19.5097,
16.6855

■ 31.3706, 28.6143,
28.5961

■ 22.9339, 16.1672,
12.1382

■ 35.2929, 34.4651,
36.0504

■ 21.1342, 13.5653,
8.4628

■ 39.8139, 41.2355,
44.5599


■ 19.7844, 11.6474,
5.6033


■ 44.9570, 48.9628,
54.1636


■ 18.8445, 10.3491,
3.4970

■ 50.7448, 57.6821,
64.8982


 18.2667, 9.5933,
2.0721

 57.1985, 67.4269,
76.7991

 18.0153, 9.2744,
1.4214

 64.3384, 78.2291,
89.8999

 70.9580, 87.6675,
103.8244

 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



27.9843, 23.6422, 30.0716



28.0210, 23.6422, 22.1553



26.4889, 23.6422, 16.5060

Triad

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



28.0210, 23.6422, 22.1553



18.9591, 23.6422, 16.3221



21.0674, 23.6422, 43.3462

Complementary

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



28.0210, 23.6422, 22.1553



30.2533, 37.8050, 43.7347

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.



18.8818, 23.6422, 37.9068



28.0210, 23.6422, 22.1553



17.7344, 23.6422, 21.8499

Square

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



28.0210, 23.6422, 22.1553



21.1811, 23.6422, 13.6366



17.7073, 23.6422, 29.6970



23.8127, 23.6422, 43.4750

Rectangle

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



28.0210, 23.6422, 22.1553



24.8511, 23.6422, 14.3198



17.7073, 23.6422, 29.6970



20.2483, 23.6422, 42.0353

Sweetspot

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



28.0216, 23.6433, 22.1558



66.1759, 65.7479, 69.4743



30.7279, 24.5535, 44.1941



14.1075, 13.8987, 14.6148



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.0216, 23.6433, 22.1558



46.7999, 36.9440, 32.3468



30.5874, 29.3635, 21.1966



8.5309, 8.5191, 9.0281



13.2290, 6.8092, 1.1002



0.4278, 0.2189, 0.0954

Inverse Universe

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



28.0216, 23.6433, 22.1558



46.7999, 36.9440, 32.3468



26.8258, 30.0213, 45.4552



8.5309, 8.5191, 9.0281



13.2290, 6.8092, 1.1002



0.4278, 0.2189, 0.0954

Previews

White Background



This preview shows how the XYZ color 28.0210, 23.6422, 22.1553 looks on a white background.

Color Contrast Check

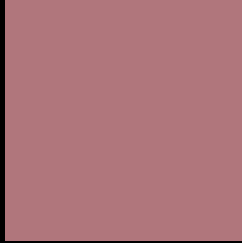
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.0210, 23.6422, 22.1553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

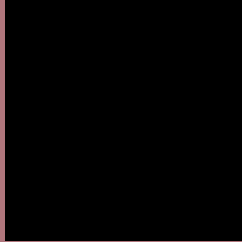
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0210, 23.6422, 22.1553

Background



This preview shows how black text looks on a background with the XYZ color 28.0210, 23.6422, 22.1553.



This preview shows how white text looks on a background with the XYZ color 28.0210, 23.6422,

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

28.0210, 23.6422, 22.1553

Protanopia

22.8689, 23.7594, 25.2105

Deuteranopia

24.1256, 23.6850, 21.7125



Tritanopia

28.2137, 23.7193, 23.1699

Trichromacy



Original Color

28.0210, 23.6422, 22.1553

Protanomaly

24.4441, 23.6026, 24.0363

Deuteranomaly

25.4060, 23.5709, 21.9495

Tritanomaly

28.1488, 23.6933, 22.8283

Monochromacy



Original Color

28.0210, 23.6422, 22.1553

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7776, 23.9458, 25.1459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0210, 23.6422, 22.1553 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(176, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(176, 118, 124)  
}
```

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(176, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 28.0210, 23.6422, 22.1553 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(176, 118, 124) }
```


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

```
.border{ border-color:rgb(176, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(176, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0210, 23.6422, 22.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 118, 124) }
```

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

```
.background{ background-color: rgb(176,  
118, 124) }
```

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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