

Converting Colors

XYZ(23.1610, 20.0426, 21.9166)

Have a look what the booklet for
XYZ(23.1610, 20.0426, 21.9166)
contains.

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Color

**XYZ(23.2061, 20.1369,
22.0658)**

Conversions

Conversions Part 1

Format	Color
Hex	9C707D
RGB	156, 112, 125
RGB Percent	61%, 44%, 49%
CMY	0.3882, 0.5608, 0.5098
CMYK	0.00, 0.28, 0.20, 0.39
HSL	342°, 18%, 53%
HSV	342°, 28%, 61%
XYZ	23.2061, 20.1369, 22.0658
YIQ	126.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

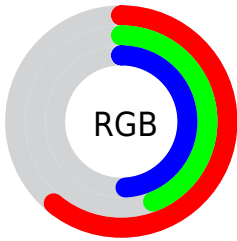
Format	Color
R_{YB}	156, 112, 125
Decimal	10252413
CIE Lab	51.99, 19.44, -0.25
CIE LCh	52, 19.440, 359.265
Yxy	20.1369, 0.3548, 0.3079
Android (android.graphics.Color)	4288442493 (0xFF9C707D)
YUV	126.6380, -0.8075, 25.7505
Hunter-Lab	44.8742, 13.7792, 2.2575

Details

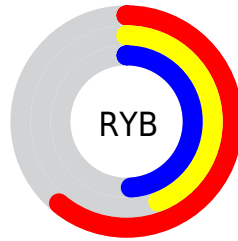
The XYZ color **23.2061, 20.1369, 22.0658** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5292, 29.2053, 30.3849**, and the grayscale version is **20.0466, 21.0906, 22.9676**.

A 20% lighter version of the original color is **48.1753, 43.6142, 47.9987**, and **8.8468, 7.1317, 7.7477** is the 20% darker color. If you saturate the color by 10%, you get **20.9679, 16.7227, 18.0450**, and if you desaturate by 10%, it is **25.8213, 24.1805, 26.5961**.

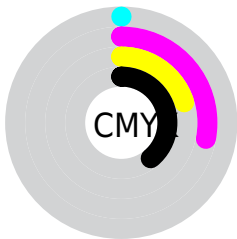
Distribution



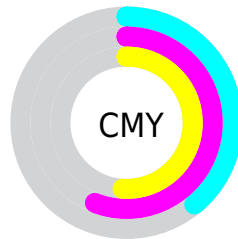
- Red (61%)
- Green (44%)
- Blue (49%)



- Red (61%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2061, 20.1369, 22.0658 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 23.2061, 20.1369, 22.0658 by changing the saturation by 10% instead.


 23.2061, 20.1369,
22.0658

 23.2061, 20.1369,
22.0658


261.2974,
252.6553, 275.8544


 14.8673, 12.4946,
13.7065


 48.1957, 43.6466,
47.7583


 8.8120, 7.0815,
7.7804


 65.5772, 60.2828,
65.9286

 4.6749, 3.5131,
3.8690


 86.7036, 80.6857,
88.2062

 2.0906, 1.4051,
1.5538

 111.9404,
105.2397, 115.0098

 0.6841, 0.2205,
0.2575

141.6528,
134.3293, 146.7579

 0.0000, 0.0000,
0.0000

176.2062,

168.3389, 183.8690

215.9659,
207.6527, 226.7617

■ 23.2061, 20.1369,
22.0658

■ 23.2061, 20.1369,
22.0658

■ 20.9679, 16.7227,
18.0450

■ 25.8213, 24.1805,
26.5961

■ 19.0873, 13.9033,
14.5142

■ 28.8287, 28.8802,
31.6522

■ 17.5453, 11.6451,
11.4542

■ 32.2442, 34.2646,
37.2511

■ 16.3206, 9.9100,
8.8440

■ 36.0829, 40.3597,
43.4084

■ 15.3893, 8.6549,
6.6609

■ 40.3587, 47.1902,
50.1395

■ 14.7240, 7.8301,
4.8800

■ 45.0849, 54.7795,
57.4589

■ 14.2755, 7.3427,
3.4677

■ 50.2745, 63.1502,
65.3806

■ 14.2051, 7.2659,
3.2473

■ 55.9396, 72.3236,
73.9181

■ 62.0922, 82.3206,
83.0847

Harmonies

Analogous

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



22.6035, 20.1369, 27.9860



23.2061, 20.1369, 22.0658



22.6581, 20.1369, 17.0139

Triad

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



23.2061, 20.1369, 22.0658



17.3373, 20.1369, 13.7202



17.2583, 20.1369, 32.7014

Complementary

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



23.2061, 20.1369, 22.0658



23.5292, 29.2053, 30.3849

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.



16.0055, 20.1369, 27.7020



23.2061, 20.1369, 22.0658



16.0489, 20.1369, 16.8102

Square

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



23.2061, 20.1369, 22.0658



19.1884, 20.1369, 12.7273



15.5781, 20.1369, 21.7861



19.0907, 20.1369, 34.7412

Rectangle

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



23.2061, 20.1369, 22.0658



21.7340, 20.1369, 14.6554



15.5781, 20.1369, 21.7861



16.7602, 20.1369, 31.2731

Sweetspot

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



23.2067, 20.1378, 22.0662



52.3868, 52.4953, 57.5323



23.0887, 19.8114, 34.0596



11.3464, 11.2673, 12.3588



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.2067, 20.1378, 22.0662



39.4430, 32.4359, 35.2494



23.4487, 21.8648, 18.3148



6.7097, 6.6768, 7.3222



11.7143, 5.9903, 2.7467



0.2267, 0.1140, 0.1398

Inverse Universe

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



23.2067, 20.1378, 22.0662



39.4430, 32.4359, 35.2494



23.1483, 26.7753, 35.4007



6.7097, 6.6768, 7.3222



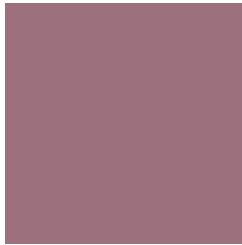
11.7143, 5.9903, 2.7467



0.2267, 0.1140, 0.1398

Previews

White Background



This preview shows how the XYZ color 23.2061, 20.1369, 22.0658 looks on a white background.

Color Contrast Check

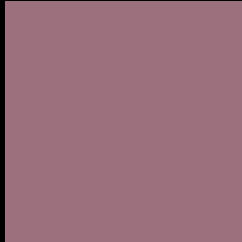
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2061, 20.1369, 22.0658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

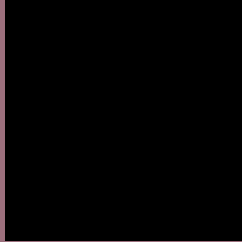
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2061, 20.1369, 22.0658

Background



This preview shows how black text looks on a background with the XYZ color 23.2061, 20.1369, 22.0658.



This preview shows how white text looks on a background with the XYZ color 23.2061, 20.1369,

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

23.2061, 20.1369, 22.0658

Protanopia

19.6847, 20.3663, 24.7234

Deuteranopia

20.4450, 20.0972, 21.5405



Tritanopia

23.0666, 20.2587, 20.7837

Trichromacy



Original Color

23.2061, 20.1369, 22.0658

Protanomaly

20.8323, 20.2522, 23.5800

Deuteranomaly

21.3271, 20.0175, 21.8085

Tritanomaly

23.1283, 20.2833, 21.1084

Monochromacy



Original Color

23.2061, 20.1369, 22.0658

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.2067, 20.8287, 22.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2061, 20.1369, 22.0658 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(156, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(156, 112, 125)  
}
```

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(156, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 112, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.2061, 20.1369, 22.0658 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(156, 112, 125) }
```


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

```
.border{ border-color:rgb(156, 112, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(156, 112,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2061, 20.1369, 22.0658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 112, 125) }
```

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

```
.background{ background-color: rgb(156,  
112, 125) }
```

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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