

Converting Colors

XYZ(27.1590, 23.2135, 20.7061)

Have a look what the booklet for
XYZ(27.1590, 23.2135, 20.7061)
contains.

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Color

**XYZ(27.1022, 23.1972,
20.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7678
RGB	173, 118, 120
RGB Percent	68%, 46%, 47%
CMY	0.3216, 0.5372, 0.5294
CMYK	0.00, 0.32, 0.31, 0.32
HSL	358°, 25%, 57%
HSV	358°, 32%, 68%
XYZ	27.1022, 23.1972, 20.8184
YIQ	134.6730, 32.1380, 12.2820

Conversions

Conversions Part 2

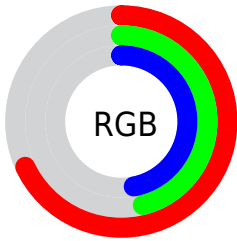
Format	Color
R_{YB}	173, 118, 120
Decimal	11368056
CIE _{Lab}	55.27, 21.88, 7.67
CIE _{LCh}	55, 23.184, 19.315
Yxy	23.1972, 0.3811, 0.3262
Android (android.graphics.Color)	4289558136 (0xFFAD7678)
YUV	134.6730, -7.2338, 33.6128
Hunter-Lab	48.1635, 16.1582, 8.0866

Details

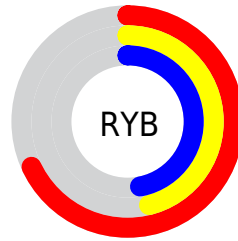
The XYZ color **27.1022, 23.1972, 20.8184** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7665, 36.6795, 44.0410**, and the grayscale version is **22.9262, 24.1201, 26.2668**.

A 20% lighter version of the original color is **54.6424, 48.9274, 45.5937**, and **10.9056, 8.6461, 7.2250** is the 20% darker color. If you saturate the color by 10%, you get **24.3234, 19.1202, 15.3273**, and if you desaturate by 10%, it is **30.4321, 28.0941, 27.3629**.

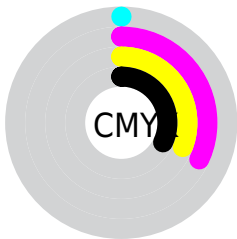
Distribution



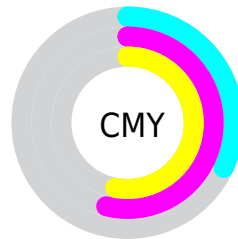
- Red (68%)
- Green (46%)
- Blue (47%)



- Red (68%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (32%)





- Cyan (32%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1022, 23.1972, 20.8184 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 27.1022, 23.1972, 20.8184 by changing the saturation by 10% instead.


 27.1022, 23.1972,
20.8184


 27.1022, 23.1972,
20.8184


280.3101,
268.7362, 269.0611


 17.7870, 14.7392,
12.8014


 54.4666, 48.7169,
45.6620

 10.8959, 8.6365,
7.1628


 73.2464, 66.5474,
63.3256

 6.0637, 4.5049,
3.4841


 95.9118, 88.2709,
85.0418

 2.9249, 1.9598,
1.3468

122.8282,
114.2717, 111.2292

 1.1142, 0.5840,
0.0997

154.3608,
144.9342, 142.3063

 0.0369, 0.0000,
0.0000

190.8752,

 0.0000, 0.0000,

180.6429, 178.6916

0.0000

232.7365,
221.7821, 220.8037

■ 27.1022, 23.1972,
20.8184

■ 27.1022, 23.1972,
20.8184

■ 24.3234, 19.1202,
15.3273

■ 30.4321, 28.0941,
27.3629

■ 22.0642, 15.8154,
10.8333

■ 34.3386, 33.8488,
35.0103

■ 20.2930, 13.2349,
7.2769


■ 38.8478, 40.5009,
43.8086


■ 18.9736, 11.3245,
4.5919


■ 43.9838, 48.0864,
53.8028


■ 18.0652, 10.0221,
2.7032


■ 49.7692, 56.6393,
65.0352


 17.5194, 9.2543,
1.5232

 56.2257, 66.1922,
77.5461

 17.2680, 8.8980,
0.9877

 63.3738, 76.7758,
91.3741

 70.7834, 87.5202,
106.4062

 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



27.3259, 23.1972, 28.0021



27.1022, 23.1972, 20.8184



25.4649, 23.1972, 15.8945

Triad

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



27.1022, 23.1972, 20.8184



18.4756, 23.1972, 17.0379



21.1357, 23.1972, 42.0703

Complementary

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



27.1022, 23.1972, 20.8184



29.7665, 36.6795, 44.0410

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.



18.9518, 23.1972, 37.7227



27.1022, 23.1972, 20.8184



17.4980, 23.1972, 22.6990

Square

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



27.1022, 23.1972, 20.8184



20.4381, 23.1972, 14.0265



17.6652, 23.1972, 30.2873



23.7408, 23.1972, 41.2928

Rectangle

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



27.1022, 23.1972, 20.8184



23.8588, 23.1972, 14.1056



17.6652, 23.1972, 30.2873



20.3317, 23.1972, 41.1308

Sweetspot

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



27.1028, 23.1983, 20.8189



62.7284, 62.4346, 65.1041



30.6536, 24.5491, 42.6581



13.4073, 13.2368, 13.7091



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.1028, 23.1983, 20.8189



45.0150, 36.3733, 30.3274



30.2893, 29.7631, 21.2894



8.0166, 8.0199, 8.3982



12.6906, 6.5388, 0.7501



0.3568, 0.1834, 0.0405

Inverse Universe

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



27.1028, 23.1983, 20.8189



45.0150, 36.3733, 30.3274



25.6442, 28.1280, 43.6129



8.0166, 8.0199, 8.3982



12.6906, 6.5388, 0.7501



0.3568, 0.1834, 0.0405

Previews

White Background



This preview shows how the XYZ color 27.1022, 23.1972, 20.8184 looks on a white background.

Color Contrast Check

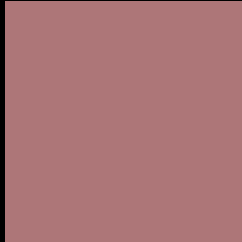
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1022, 23.1972, 20.8184 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 27.1022, 23.1972, 20.8184

Background



This preview shows how black text looks on a background with the XYZ color 27.1022, 23.1972, 20.8184.



This preview shows how white text looks on a background with the XYZ color 27.1022, 23.1972,

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

27.1022, 23.1972, 20.8184

Protanopia

22.3009, 23.2953, 23.7431

Deuteranopia

23.7517, 23.3257, 20.3900



Tritanopia

27.5827, 23.2276, 22.7683

Trichromacy



Original Color

27.1022, 23.1972, 20.8184

Protanomaly

23.6855, 23.0490, 22.6026

Deuteranomaly

24.8355, 23.1181, 20.6060

Tritanomaly

27.4549, 23.1765, 22.0953

Monochromacy



Original Color

27.1022, 23.1972, 20.8184

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2739, 23.7018, 24.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1022, 23.1972, 20.8184 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(173, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 118, 120)  
}
```

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(173, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 118, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.1022, 23.1972, 20.8184 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(173, 118, 120) }
```


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

```
.border{ border-color:rgb(173, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(173, 118,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1022, 23.1972, 20.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 118, 120) }
```

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

```
.background{ background-color: rgb(173,  
118, 120) }
```

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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