

Converting Colors

XYZ(26.7967, 23.3259, 20.7309)

Have a look what the booklet for
XYZ(26.7967, 23.3259, 20.7309)
contains.

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Color

**XYZ(26.9012, 23.4469,
20.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7878
RGB	171, 120, 120
RGB Percent	67%, 47%, 47%
CMY	0.3294, 0.5294, 0.5294
CMYK	0.00, 0.30, 0.30, 0.33
HSL	0°, 23%, 57%
HSV	0°, 30%, 67%
XYZ	26.9012, 23.4469, 20.8772
YIQ	135.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

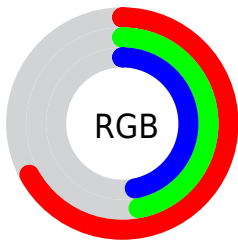
Format	Color
R_{YB}	171, 120, 120
Decimal	11237496
CIE Lab	55.53, 19.96, 8.00
CIE LCh	56, 21.508, 21.834
Yxy	23.4469, 0.3777, 0.3292
Android (android.graphics.Color)	4289427576 (0xFFAB7878)
YUV	135.2490, -7.5178, 31.3536
Hunter-Lab	48.4220, 14.4285, 8.3324

Details

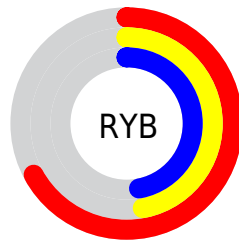
The XYZ color **26.9012, 23.4469, 20.8772** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6589, 36.0581, 43.9248**, and the grayscale version is **23.1412, 24.3464, 26.5132**.

A 20% lighter version of the original color is **54.0685, 49.1966, 45.6759**, and **10.7591, 8.7563, 7.2540** is the 20% darker color. If you saturate the color by 10%, you get **24.0787, 19.3169, 15.2654**, and if you desaturate by 10%, it is **30.2776, 28.3877, 27.5885**.

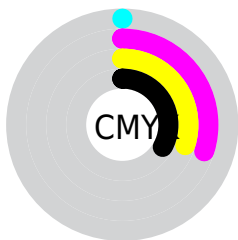
Distribution



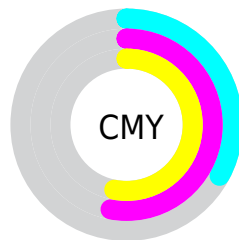
- Red (67%)
- Green (47%)
- Blue (47%)



- Red (67%)
- Yellow (47%)
- Blue (47%)



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





- Cyan (33%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9012, 23.4469, 20.8772 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 26.9012, 23.4469, 20.8772 by changing the saturation by 10% instead.

 26.9012, 23.4469,
20.8772


 26.9012, 23.4469,
20.8772


279.3547,
270.0121, 269.3847


 17.6352, 14.9238,
12.8439


 54.1463, 49.1261,
45.7612

 10.7865, 8.7660,
7.1917


 72.8561, 67.0510,
63.4490

 5.9897, 4.5888,
3.5020


 95.4446, 88.8787,
85.1920

 2.8794, 2.0081,
1.3563

122.2772,
114.9935, 111.4088

 1.0903, 0.6122,
0.1073

153.7191,
145.7799, 142.5180

 0.0170, 0.0000,
0.0000

190.1358,

 0.0000, 0.0000,

181.6222, 178.9380

0.0000

231.8925,
222.9048, 221.0874

■ 26.9012, 23.4469,
20.8772

■ 26.9012, 23.4469,
20.8772

■ 24.0787, 19.3169,
15.2654

■ 30.2776, 28.3877,
27.5885

■ 21.7787, 15.9513,
10.6932

■ 34.2331, 34.1757,
35.4520

■ 19.9697, 13.3043,
7.0971

■ 38.7939, 40.8494,
44.5188

■ 18.6161, 11.3235,
4.4064

■ 43.9838, 48.4437,
54.8363

■ 17.6773, 9.9498,
2.5403

■ 49.8255, 56.9917,
66.4497

■ 17.1058, 9.1134,
1.4044

■ 56.3405, 66.5249,
79.4015

■ 16.7996, 8.6654,
0.7958

■ 63.5493, 77.0732,
93.7327

■ 16.7947, 8.6582,
0.7860

■ 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



27.2282, 23.4469, 27.4742



26.9012, 23.4469, 20.8772



25.2935, 23.4469, 16.4023

Triad

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



26.9012, 23.4469, 20.8772



18.8162, 23.4469, 18.1335



21.6297, 23.4469, 41.1648

Complementary

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



26.9012, 23.4469, 20.8772



29.6589, 36.0581, 43.9248

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.



19.5261, 23.4469, 37.5369



26.9012, 23.4469, 20.8772



17.9805, 23.4469, 23.6792

Square

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



26.9012, 23.4469, 20.8772



20.5956, 23.4469, 15.0299



18.2306, 23.4469, 30.8266



24.0656, 23.4469, 40.0438

Rectangle

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



26.9012, 23.4469, 20.8772



23.7714, 23.4469, 14.8254



18.2306, 23.4469, 30.8266



20.8630, 23.4469, 40.4399

Sweetspot

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



26.9018, 23.4480, 20.8777



61.8187, 61.9517, 64.5045



30.8619, 25.0314, 41.7331



13.5446, 13.4625, 13.9052



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.



26.9018, 23.4480, 20.8777



44.6309, 36.8012, 30.3359



30.3869, 30.4182, 22.0394



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



29.6589, 36.0581, 43.9248



50.3974, 63.1754, 78.5397



25.2986, 27.3375, 42.4714



8.2363, 9.0720, 10.2697



16.5181, 24.1700, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 26.9012, 23.4469, 20.8772 looks on a white background.

Color Contrast Check

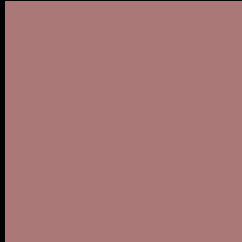
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9012, 23.4469, 20.8772 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 26.9012, 23.4469, 20.8772

Background



This preview shows how black text looks on a background with the XYZ color 26.9012, 23.4469, 20.8772.



This preview shows how white text looks on a background with the XYZ color 26.9012, 23.4469,

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

26.9012, 23.4469, 20.8772

Protanopia

22.5348, 23.6257, 23.4512

Deuteranopia

23.9381, 23.4217, 20.3987



Tritanopia

27.5064, 23.5228, 23.5127

Trichromacy



Original Color

26.9012, 23.4469, 20.8772

Protanomaly

23.7517, 23.2831, 22.3110

Deuteranomaly

24.9615, 23.3701, 20.6480

Tritanomaly

27.3118, 23.4450, 22.4879

Monochromacy



Original Color

26.9012, 23.4469, 20.8772

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2246, 23.8729, 24.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9012, 23.4469, 20.8772 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(171, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 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(171, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.9012, 23.4469, 20.8772 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(171, 120, 120) }
```


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

```
.border{ border-color:rgb(171, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9012, 23.4469, 20.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 120, 120) }
```

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

```
.background{ background-color: rgb(171,  
120, 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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