

Converting Colors

XYZ(26.3774, 23.0931, 20.6796)

Have a look what the booklet for
XYZ(26.3774, 23.0931, 20.6796)
contains.

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Color

**XYZ(26.4688, 23.2240,
20.8569)**

Conversions

Conversions Part 1

Format	Color
Hex	A97878
RGB	169, 120, 120
RGB Percent	66%, 47%, 47%
CMY	0.3373, 0.5294, 0.5294
CMYK	0.00, 0.29, 0.29, 0.34
HSL	0°, 22%, 57%
HSV	0°, 29%, 66%
XYZ	26.4688, 23.2240, 20.8569
YIQ	134.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

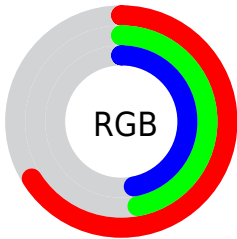
Format	Color
R_{YB}	169, 120, 120
Decimal	11106424
CIE _{Lab}	55.30, 19.18, 7.64
CIE _{LCh}	55, 20.644, 21.734
Yxy	23.2240, 0.3752, 0.3292
Android (android.graphics.Color)	4289296504 (0xFFA97878)
YUV	134.6510, -7.2229, 30.1241
Hunter-Lab	48.1913, 13.7054, 8.0735

Details

The XYZ color **26.4688, 23.2240, 20.8569** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0946, 35.2324, 42.8033**, and the grayscale version is **22.9187, 24.1123, 26.2583**.

A 20% lighter version of the original color is **53.4413, 48.8732, 45.6465**, and **10.6254, 8.6874, 7.2477** is the 20% darker color. If you saturate the color by 10%, you get **23.6762, 19.1378, 15.3046**, and if you desaturate by 10%, it is **29.8024, 28.1021, 27.4831**.

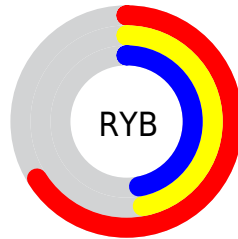
Distribution



Red (66%)

Green (47%)

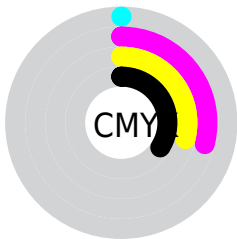
Blue (47%)



Red (66%)

Yellow (47%)

Blue (47%)

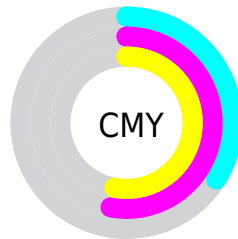


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (34%)



Cyan (34%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4688, 23.2240, 20.8569 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 26.4688, 23.2240, 20.8569 by changing the saturation by 10% instead.


 26.4688, 23.2240,
20.8569


 26.4688, 23.2240,
20.8569


277.2905,
268.8734, 269.2730


 17.3092, 14.7590,
12.8292


 53.4562, 48.7609,
45.7269

 10.5519, 8.6504,
7.1817


 72.0147, 66.6015,
63.4064

 5.8314, 4.5139,
3.4958

 94.4369, 88.3362,
85.1402

 2.7825, 1.9650,
1.3530

121.0881,
114.3493, 111.3468

 1.0398, 0.5870,
0.1047

152.3338,
145.0251, 142.4449

 0.0000, 0.0000,
0.0000

188.5391,

180.7482, 178.8529

230.0696,
221.9028, 220.9895

■ 26.4688, 23.2240,
20.8569

■ 26.4688, 23.2240,
20.8569

■ 23.6762, 19.1378,
15.3046

■ 29.8024, 28.1021,
27.4831

■ 21.3944, 15.7988,
10.7684

■ 33.7013, 33.8074,
35.2342

■ 19.5929, 13.1627,
7.1873

■ 38.1909, 40.3768,
44.1594

■ 18.2374, 11.1792,
4.4929

■ 43.2941, 47.8443,
54.3047

■ 17.2892, 9.7917,
2.6081

■ 49.0330, 56.2418,
65.7137

■ 16.7027, 8.9334,
1.4424

■ 55.4283, 65.5998,
78.4277

■ 16.3901, 8.4759,
0.8210

■ 62.4999, 75.9474,
92.4862

■ 16.3624, 8.4353,
0.7658

■ 70.1722, 87.1750,
107.7357

Harmonies

Analogous

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



26.7747, 23.2240, 27.1629



26.4688, 23.2240, 20.8569



24.9447, 23.2240, 16.5457

Triad

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



26.4688, 23.2240, 20.8569



18.7622, 23.2240, 18.1896



21.4404, 23.2240, 40.1048

Complementary

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



26.4688, 23.2240, 20.8569



29.0946, 35.2324, 42.8033

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.



19.4320, 23.2240, 36.6658



26.4688, 23.2240, 20.8569



17.9579, 23.2240, 23.4995

Square

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



26.4688, 23.2240, 20.8569



20.4672, 23.2240, 15.2034



18.1943, 23.2240, 30.3038



23.7622, 23.2240, 39.0623

Rectangle

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



26.4688, 23.2240, 20.8569



23.4974, 23.2240, 15.0163



18.1943, 23.2240, 30.3038



20.7087, 23.2240, 39.4159

Sweetspot

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



26.4694, 23.2251, 20.8574



60.2316, 60.3634, 62.8529



30.2402, 24.7328, 40.7163



12.9015, 12.8254, 13.2492



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.4694, 23.2251, 20.8574



43.9824, 36.5862, 30.5500



29.8017, 29.8896, 21.9681



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



29.0946, 35.2324, 42.8033



49.4832, 61.7463, 76.5353



24.9565, 26.9562, 41.4239



7.7475, 8.5320, 9.6568



15.9100, 23.2801, 31.6305



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 26.4688, 23.2240, 20.8569 looks on a white background.

Color Contrast Check

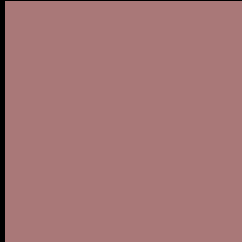
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4688, 23.2240, 20.8569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

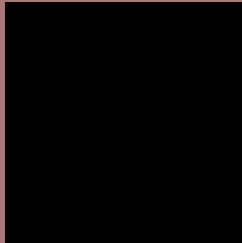
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4688, 23.2240, 20.8569

Background



This preview shows how black text looks on a background with the XYZ color 26.4688, 23.2240, 20.8569.



This preview shows how white text looks on a background with the XYZ color 26.4688, 23.2240,

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

26.4688, 23.2240, 20.8569

Protanopia

22.3986, 23.3532, 23.4058

Deuteranopia

23.8114, 23.3496, 20.7047



Tritanopia

27.0707, 23.2982, 23.4923

Trichromacy



Original Color

26.4688, 23.2240, 20.8569

Protanomaly

23.7517, 23.2831, 22.3110

Deuteranomaly

24.7639, 23.2682, 20.6388

Tritanomaly

26.8761, 23.2204, 22.4675

Monochromacy



Original Color

26.4688, 23.2240, 20.8569

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0445, 23.7800, 24.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4688, 23.2240, 20.8569 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(169, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.4688, 23.2240, 20.8569 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(169, 120, 120) }
```


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

```
.border{ border-color:rgb(169, 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(169, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(169, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4688, 23.2240, 20.8569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 120, 120) }
```

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

```
.background{ background-color: rgb(169,  
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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