

Converting Colors

XYZ(26.8224, 23.1585, 30.4661)

Have a look what the booklet for
XYZ(26.8224, 23.1585, 30.4661)
contains.

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Color

**XYZ(26.8832, 23.2209,
30.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	A27893
RGB	162, 120, 147
RGB Percent	64%, 47%, 58%
CMY	0.3647, 0.5294, 0.4235
CMYK	0.00, 0.26, 0.09, 0.36
HSL	321°, 18%, 55%
HSV	321°, 26%, 64%
XYZ	26.8832, 23.2209, 30.6689
YIQ	135.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

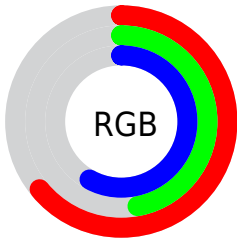
Format	Color
R_{YB}	162, 120, 147
Decimal	10647699
CIE Lab	55.30, 20.89, -8.17
CIE LCh	55, 22.427, 338.630
Yxy	23.2209, 0.3328, 0.2875
Android (android.graphics.Color)	4288837779 (0xFFA27893)
YUV	135.6360, 5.6025, 23.1212
Hunter-Lab	48.1881, 15.2526, -4.0030

Details

The XYZ color **26.8832, 23.2209, 30.6689** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.0402, 31.5836, 27.6996**, and the grayscale version is **23.2417, 24.4521, 26.6284**.

A 20% lighter version of the original color is **54.1015, 48.8559, 61.8370**, and **10.7950, 8.6660, 12.1701** is the 20% darker color. If you saturate the color by 10%, you get **24.6547, 19.4721, 27.7421**, and if you desaturate by 10%, it is **29.4655, 27.6402, 33.8269**.

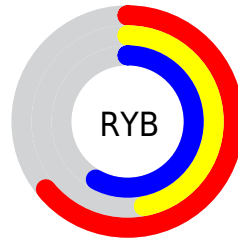
Distribution



Red (64%)

Green (47%)

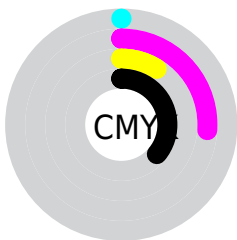
Blue (58%)



Red (64%)

Yellow (47%)

Blue (58%)

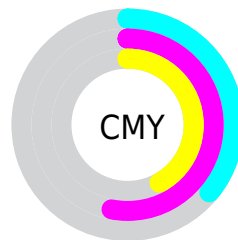


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (36%)



Cyan (36%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8832, 23.2209, 30.6689 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 26.8832, 23.2209, 30.6689 by changing the saturation by 10% instead.


 26.8832, 23.2209,
30.6689

 26.8832, 23.2209,
30.6689


279.2690,
268.8576, 319.3139


 17.6217, 14.7567,
20.0905


 54.1176, 48.7558,
61.7919

 10.7767, 8.6488,
12.2761


 72.8212, 66.5953,
83.1735

 5.9831, 4.5128,
6.8072


 95.4028, 88.3286,
108.9933

 2.8754, 1.9644,
3.2652

122.2278,
114.3403, 139.6699

 1.0882, 0.5866,
1.2316

153.6616,
145.0146, 175.6216

 0.0152, 0.0000,
0.0047

190.0695,

 0.0000, 0.0000,

180.7360, 217.2672

0.0000

231.8168,
221.8888, 265.0251

■ 26.8832, 23.2209,
30.6689

■ 26.8832, 23.2209,
30.6689

■ 24.6547, 19.4721,
27.7421

■ 29.4655, 27.6402,
33.8269

■ 22.7611, 16.3574,
25.0377

■ 32.4154, 32.7577,
37.2214

■ 21.1847, 13.8416,
22.5485

■ 35.7482, 38.6036,
40.8594

■ 19.9053, 11.8848,
20.2659

■ 39.4779, 45.2053,
44.7472

■ 18.9002, 10.4424,
18.1807

■ 43.6178, 52.5886,
48.8905

■ 18.1434, 9.4626,
16.2823

■ 48.1803, 60.7783,
53.2952

■ 17.5996, 8.8758,
14.5573

■ 53.1777, 69.7980,
57.9667

■ 17.4062, 8.6838,
13.8924

■ 58.6213, 79.6703,
62.9102

■ 60.9781, 83.3285,
66.9495

Harmonies

Analogous

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



25.2268, 23.2209, 37.7080



26.8832, 23.2209, 30.6689



27.2010, 23.2209, 23.2636

Triad

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



26.8832, 23.2209, 30.6689



21.3537, 23.2209, 13.9214



18.5072, 23.2209, 34.9439

Complementary

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



26.8832, 23.2209, 30.6689



25.0402, 31.5836, 27.6996

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.



17.6299, 23.2209, 27.4173



26.8832, 23.2209, 30.6689



19.1896, 23.2209, 15.9407

Square

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



26.8832, 23.2209, 30.6689



23.8787, 23.2209, 14.4622



17.8699, 23.2209, 20.5688



20.3564, 23.2209, 40.4839

Rectangle

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



26.8832, 23.2209, 30.6689



26.5894, 23.2209, 19.2158



17.8699, 23.2209, 20.5688



18.0955, 23.2209, 32.5107

Sweetspot

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



26.8839, 23.2219, 30.6694



57.5949, 57.2860, 66.1613



23.1825, 21.1688, 37.0469



12.7560, 12.5539, 14.6552



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.8839, 23.2219, 30.6694



46.4358, 38.1549, 52.6160



25.4029, 22.6295, 22.8705



7.2564, 7.1590, 8.3366



13.7340, 6.8496, 11.0555



0.3098, 0.1524, 0.3443

Inverse Universe

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



26.8839, 23.2219, 30.6694



46.4358, 38.1549, 52.6160



26.6422, 32.2244, 36.1357



7.2564, 7.1590, 8.3366



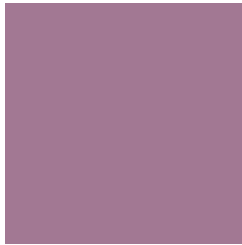
13.7340, 6.8496, 11.0555



0.3098, 0.1524, 0.3443

Previews

White Background



This preview shows how the XYZ color 26.8832, 23.2209, 30.6689 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 26.8832, 23.2209, 30.6689 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 26.8832, 23.2209, 30.6689

Background



This preview shows how black text looks on a background with the XYZ color 26.8832, 23.2209, 30.6689.



This preview shows how white text looks on a background with the XYZ color 26.8832, 23.2209,

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

26.8832, 23.2209, 30.6689

Protanopia

22.9861, 23.4248, 33.8818

Deuteranopia

23.7763, 23.3203, 30.0362



Tritanopia

25.7450, 23.3054, 24.9713

Trichromacy



Original Color

26.8832, 23.2209, 30.6689

Protanomaly

24.1203, 23.2482, 32.4942

Deuteranomaly

24.8619, 23.2929, 30.3797

Tritanomaly

26.1728, 23.3023, 26.7852

Monochromacy



Original Color

26.8832, 23.2209, 30.6689

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3933, 23.8785, 28.1343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8832, 23.2209, 30.6689 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(162, 120, 147)` looks like.

```
.text, #text, p{  
    color:rgb(162, 120, 147)  
}
```

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(162, 120, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 120, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.8832, 23.2209, 30.6689 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(162, 120, 147) }
```


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

```
.border{ border-color:rgb(162, 120, 147) }
```

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

Here you see how a box with a 4 pixel rgb(162, 120, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 120, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 120, 147);  
box-shadow:4px 4px 4px 4px rgb(162, 120,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8832, 23.2209, 30.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 120, 147) }
```

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

```
.background{ background-color: rgb(162,  
120, 147) }
```

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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