

Converting Colors

XYZ(28.6674, 23.9301, 23.3280)

Have a look what the booklet for
XYZ(28.6674, 23.9301, 23.3280)
contains.

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Color

**XYZ(28.6693, 23.9542,
23.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	B2767F
RGB	178, 118, 127
RGB Percent	70%, 46%, 50%
CMY	0.3020, 0.5372, 0.5020
CMYK	0.00, 0.34, 0.29, 0.30
HSL	351°, 28%, 58%
HSV	351°, 34%, 70%
XYZ	28.6693, 23.9542, 23.1912
YIQ	136.9660, 32.8710, 15.5190

Conversions

Conversions Part 2

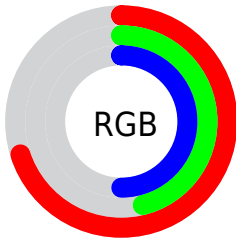
Format	Color
R_{YB}	178, 118, 127
Decimal	11695743
CIE _{Lab}	56.04, 24.80, 4.77
CIE _{LCh}	56, 25.252, 10.888
Yxy	23.9542, 0.3781, 0.3160
Android (android.graphics.Color)	4289885823 (0xFFB2767F)
YUV	136.9660, -4.9132, 35.9868
Hunter-Lab	48.9430, 18.9094, 6.1661

Details

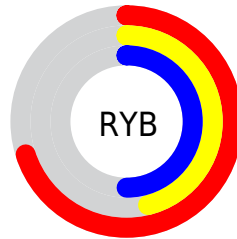
The XYZ color **28.6693, 23.9542, 23.1912** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5541, 38.5575, 43.3702**, and the grayscale version is **23.7749, 25.0131, 27.2392**.

A 20% lighter version of the original color is **57.0621, 50.0833, 49.8396**, and **11.8154, 9.0914, 8.3398** is the 20% darker color. If you saturate the color by 10%, you get **25.8544, 19.7856, 17.7475**, and if you desaturate by 10%, it is **32.0292, 28.9754, 29.5478**.

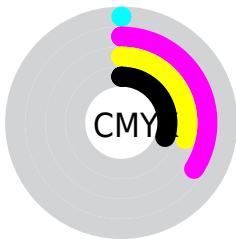
Distribution



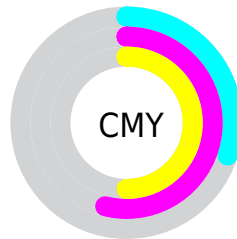
- Red (70%)
- Green (46%)
- Blue (50%)



- Red (70%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6693, 23.9542, 23.1912 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 28.6693, 23.9542, 23.1912 by changing the saturation by 10% instead.


 28.6693, 23.9542,
23.1912


 28.6693, 23.9542,
23.1912


287.6738,
272.5888, 281.8592


 18.9738, 15.2996,
14.5281


 56.9525, 49.9555,
49.6343

 11.7553, 9.0300,
8.3460


 76.2708, 68.0709,
68.2513

 6.6483, 4.7607,
4.2262


 99.5276, 90.1089,
91.0235

 3.2875, 2.1076,
1.7502

127.0880,
116.4536, 118.3692

 1.3075, 0.6689,
0.3948

159.3175,
147.4896, 150.7071

 0.1889, 0.0000,
0.0000

196.5814,

 0.0000, 0.0000,

183.6012, 188.4557

0.0000

239.2451,
225.1728, 232.0336

■ 28.6693, 23.9542,
23.1912

■ 28.6693, 23.9542,
23.1912

■ 25.8544, 19.7856,
17.7475

■ 32.0292, 28.9754,
29.5478

■ 23.5535, 16.4190,
13.1732

■ 35.9589, 34.8893,
36.8551

■ 21.7359, 13.8036,
9.4233


■ 40.4839, 41.7378,
45.1508


■ 20.3663, 11.8814,
6.4481

■ 45.6278, 49.5588,
54.4698


■ 19.4048, 10.5860,
4.1926


■ 51.4127, 58.3885,
64.8455


 18.8039, 9.8378,
2.5941

 57.8597, 68.2609,
76.3098

 18.5544, 9.5427,
1.8822

 64.9889, 79.2085,
88.8929

 71.0710, 87.7654,
102.0415

 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



28.4296, 23.9542, 31.6447



28.6693, 23.9542, 23.1912



27.2302, 23.9542, 16.9936

Triad

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



28.6693, 23.9542, 23.1912



19.3220, 23.9542, 15.8098



20.9972, 23.9542, 44.1847

Complementary

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



28.6693, 23.9542, 23.1912



30.5541, 38.5575, 43.3702

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.



18.8215, 23.9542, 37.9419



28.6693, 23.9542, 23.1912



17.9124, 23.9542, 21.2128

Square

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



28.6693, 23.9542, 23.1912



21.7346, 23.9542, 13.3721



17.7373, 23.9542, 29.2037



23.8331, 23.9542, 45.0291

Rectangle

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



28.6693, 23.9542, 23.1912



25.5784, 23.9542, 14.5066



17.7373, 23.9542, 29.2037



20.1709, 23.9542, 42.5945

Sweetspot

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



28.6700, 23.9553, 23.1917



67.9820, 67.4589, 71.9400



30.8773, 24.6075, 45.2419



14.8161, 14.5747, 15.4872



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.6700, 23.9553, 23.1917



48.3229, 38.0009, 34.9889



30.8635, 29.2393, 21.1581



8.5466, 8.5253, 9.1107



13.2909, 6.8339, 1.4261



0.4343, 0.2215, 0.1297

Inverse Universe

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



28.6700, 23.9553, 23.1917



48.3229, 38.0009, 34.9889



27.5651, 31.1808, 46.6852



8.5466, 8.5253, 9.1107



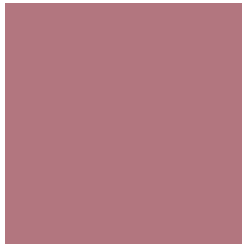
13.2909, 6.8339, 1.4261



0.4343, 0.2215, 0.1297

Previews

White Background



This preview shows how the XYZ color 28.6693, 23.9542, 23.1912 looks on a white background.

Color Contrast Check

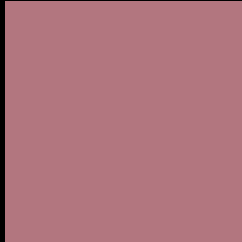
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6693, 23.9542, 23.1912 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 28.6693, 23.9542, 23.1912

Background



This preview shows how black text looks on a background with the XYZ color 28.6693, 23.9542, 23.1912.



This preview shows how white text looks on a background with the XYZ color 28.6693, 23.9542,

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

28.6693, 23.9542, 23.1912

Protanopia

23.2856, 24.1461, 26.7259

Deuteranopia

24.4468, 24.0252, 22.7509



Tritanopia

28.6693, 23.9542, 23.1912

Trichromacy



Original Color

28.6693, 23.9542, 23.1912

Protanomaly

24.9017, 23.8072, 25.4731

Deuteranomaly

25.9247, 24.0051, 23.0057

Tritanomaly

28.6693, 23.9542, 23.1912

Monochromacy



Original Color

28.6693, 23.9542, 23.1912

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1652, 24.3341, 25.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6693, 23.9542, 23.1912 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(178, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 127)  
}
```

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(178, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.6693, 23.9542, 23.1912 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(178, 118, 127) }
```


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

```
.border{ border-color:rgb(178, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 127);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6693, 23.9542, 23.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 127) }
```

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

```
.background{ background-color: rgb(178,  
118, 127) }
```

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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