

Converting Colors

XYZ(29.2297, 23.5402, 23.6390)

Have a look what the booklet for
XYZ(29.2297, 23.5402, 23.6390)
contains.

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Color

**XYZ(29.2712, 23.5647,
23.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	B67281
RGB	182, 114, 129
RGB Percent	71%, 45%, 51%
CMY	0.2863, 0.5529, 0.4941
CMYK	0.00, 0.37, 0.29, 0.29
HSL	347°, 32%, 58%
HSV	347°, 37%, 71%
XYZ	29.2712, 23.5647, 23.7746
YIQ	136.0420, 35.7130, 19.0810

Conversions

Conversions Part 2

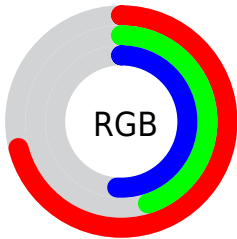
Format	Color
R_{YB}	182, 114, 129
Decimal	11956865
CIE _{Lab}	55.65, 28.82, 3.10
CIE _{LCh}	56, 28.986, 6.139
Yxy	23.5647, 0.3821, 0.3076
Android (android.graphics.Color)	4290146945 (0xFFB67281)
YUV	136.0420, -3.4717, 40.3052
Hunter-Lab	48.5435, 22.6825, 4.9426

Details

The XYZ color **29.2712, 23.5647, 23.7746** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6435, 39.8239, 42.6330**, and the grayscale version is **23.4213, 24.6410, 26.8341**.

A 20% lighter version of the original color is **57.8588, 49.3656, 50.7350**, and **12.0338, 8.7580, 8.6456** is the 20% darker color. If you saturate the color by 10%, you get **26.5404, 19.5088, 18.5306**, and if you desaturate by 10%, it is **32.5427, 28.4921, 29.8453**.

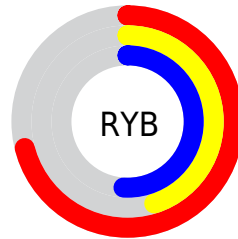
Distribution



Red (71%)

Green (45%)

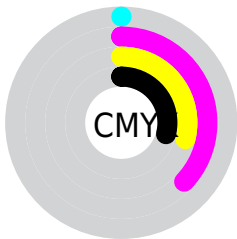
Blue (51%)



Red (71%)

Yellow (45%)

Blue (51%)

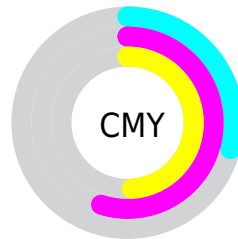


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2712, 23.5647, 23.7746 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 29.2712, 23.5647, 23.7746 by changing the saturation by 10% instead.


 29.2712, 23.5647,
23.7746


 29.2712, 23.5647,
23.7746


290.4636,
270.6123, 284.9287


 19.4314, 15.0110,
14.9559


 57.9023, 49.3189,
50.6013


 12.0883, 8.8271,
8.6421


 77.4242, 67.2882,
69.4464

 6.8764, 4.6286,
4.4149

 100.9043, 89.1649,
92.4707

 3.4306, 2.0310,
1.8556

 128.7078,
115.3333, 120.0927

 1.3853, 0.6254,
0.4643

161.2002,
146.1779, 152.7309

 0.2457, 0.0000,
0.0000

198.7467,

 0.0000, 0.0000,

182.0830, 190.8040

0.0000

241.7127,
223.4330, 234.7304

■ 29.2712, 23.5647,
23.7746

■ 29.2712, 23.5647,
23.7746

■ 26.5404, 19.5088,
18.5306

■ 32.5427, 28.4921,
29.8453

■ 24.3187, 16.2702,
14.0755

■ 36.3803, 34.3343,
36.7753

■ 22.5739, 13.7939,
10.3706


■ 40.8102, 41.1359,
44.5972

■ 21.2696, 12.0164,
7.3732


■ 45.8563, 48.9374,
53.3415


■ 20.3635, 10.8643,
5.0361


■ 51.5413, 57.7771,
63.0371


 19.7961, 10.2304,
3.3028

 57.8866, 67.6911,
73.7118

 19.6769, 10.0993,
2.9322

 64.9126, 78.7141,
85.3920

 71.1522, 87.9054,
97.6078

 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



28.6742, 23.5647, 33.6796



29.2712, 23.5647, 23.7746



27.8864, 23.5647, 16.4124

Triad

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



29.2712, 23.5647, 23.7746



18.8804, 23.5647, 13.6612



19.9421, 23.5647, 45.9735

Complementary

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



29.2712, 23.5647, 23.7746



30.6435, 39.8239, 42.6330

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.



17.6808, 23.5647, 37.8514



29.2712, 23.5647, 23.7746



17.1110, 23.5647, 19.0233

Square

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



29.2712, 23.5647, 23.7746



21.7299, 23.5647, 11.5639



16.6942, 23.5647, 27.6382



23.0787, 23.5647, 48.1310

Rectangle

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



29.2712, 23.5647, 23.7746



26.0984, 23.5647, 13.3925



16.6942, 23.5647, 27.6382



19.0642, 23.5647, 43.7679

Sweetspot

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



29.2718, 23.5658, 23.7751



70.7858, 69.6507, 75.2339



30.2155, 23.5347, 47.2063



15.3936, 15.0138, 16.1920



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.2718, 23.5658, 23.7751



48.8456, 36.4430, 35.0179



30.5989, 27.6998, 19.6549



9.0835, 9.0438, 9.7874



13.9165, 7.1404, 2.1814



0.5142, 0.2611, 0.2010

Inverse Universe

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



29.2718, 23.5658, 23.7751



48.8456, 36.4430, 35.0179



28.6355, 33.4589, 49.2051



9.0835, 9.0438, 9.7874



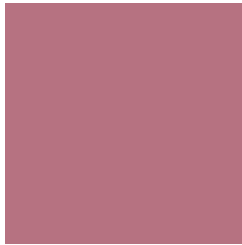
13.9165, 7.1404, 2.1814



0.5142, 0.2611, 0.2010

Previews

White Background



This preview shows how the XYZ color 29.2712, 23.5647, 23.7746 looks on a white background.

Color Contrast Check

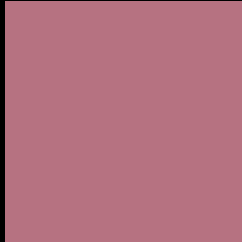
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2712, 23.5647, 23.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

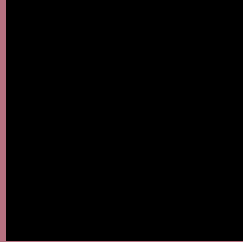
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2712, 23.5647, 23.7746

Background



This preview shows how black text looks on a background with the XYZ color 29.2712, 23.5647, 23.7746.



This preview shows how white text looks on a background with the XYZ color 29.2712, 23.5647,

23.7746.

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

29.2712, 23.5647, 23.7746

Protanopia

22.9527, 23.7368, 28.1829

Deuteranopia

24.0106, 23.5964, 23.0277



Tritanopia

28.8249, 23.5405, 22.0933

Trichromacy



Original Color

29.2712, 23.5647, 23.7746

Protanomaly

24.6673, 23.2786, 26.4857

Deuteranomaly

25.7364, 23.5247, 23.2629

Tritanomaly

28.9527, 23.5916, 22.7663

Monochromacy



Original Color

29.2712, 23.5647, 23.7746

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.0897, 23.9041, 25.4819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2712, 23.5647, 23.7746 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(182, 114, 129)` looks like.

```
.text, #text, p{  
    color:rgb(182, 114, 129)  
}
```

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(182, 114, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 114, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.2712, 23.5647, 23.7746 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(182, 114, 129) }
```


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

```
.border{ border-color:rgb(182, 114, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 114, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 114, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 114, 129);  
box-shadow:4px 4px 4px 4px rgb(182, 114,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2712, 23.5647, 23.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 114, 129) }
```

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

```
.background{ background-color: rgb(182,  
114, 129) }
```

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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