

Converting Colors

XYZ(29.1597, 23.9307, 27.8875)

Have a look what the booklet for
XYZ(29.1597, 23.9307, 27.8875)
contains.

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Color

**XYZ(29.2264, 23.9631,
27.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	B1758C
RGB	177, 117, 140
RGB Percent	69%, 46%, 55%
CMY	0.3059, 0.5412, 0.4510
CMYK	0.00, 0.34, 0.21, 0.31
HSL	337°, 28%, 58%
HSV	337°, 34%, 69%
XYZ	29.2264, 23.9631, 27.8959
YIQ	137.5620, 28.3770, 19.8730

Conversions

Conversions Part 2

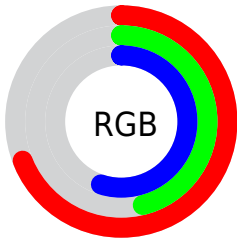
Format	Color
R_{YB}	177, 117, 140
Decimal	11629964
CIE Lab	56.05, 26.92, -2.80
CIE LCh	56, 27.062, 354.062
Yxy	23.9631, 0.3604, 0.2955
Android (android.graphics.Color)	4289820044 (0xFFB1758C)
YUV	137.5620, 1.2019, 34.5871
Hunter-Lab	48.9521, 20.9055, 0.4794

Details

The XYZ color **29.2264, 23.9631, 27.8959** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.8920, 37.5600, 36.3006**, and the grayscale version is **23.9794, 25.2281, 27.4735**.

A 20% lighter version of the original color is **57.9320, 50.0921, 57.0675**, and **12.0810, 9.0834, 10.7894** is the 20% darker color. If you saturate the color by 10%, you get **26.5904, 19.9159, 23.2413**, and if you desaturate by 10%, it is **32.3335, 28.8244, 33.1021**.

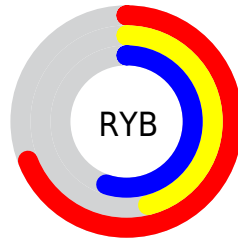
Distribution



Red (69%)

Green (46%)

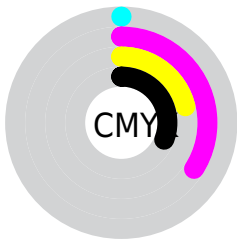
Blue (55%)



Red (69%)

Yellow (46%)

Blue (55%)

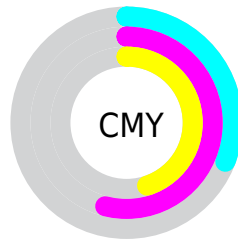


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2264, 23.9631, 27.8959 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 29.2264, 23.9631, 27.8959 by changing the saturation by 10% instead.

■ 29.2264, 23.9631,
27.8959

■ 29.2264, 23.9631,
27.8959

290.2566,
272.6339, 305.8654

■ 19.3973, 15.3063,
18.0088

■ 57.8317, 49.9700,
57.3393

■ 12.0634, 9.0346,
10.7868

■ 77.3385, 68.0888,
77.7327

■ 6.8594, 4.7638,
5.8113

■ 100.8021, 90.1304,
102.4653

■ 3.4199, 2.1093,
2.6638

128.5876,
116.4792, 131.9557

■ 1.3795, 0.6699,
0.9251

161.0604,
147.5195, 166.6224

■ 0.2415, 0.0000,
0.0000

198.5860,

■ 0.0000, 0.0000,

183.6358, 206.8838

0.0000

241.5296,
225.2125, 253.1587

■ 29.2264, 23.9631,
27.8959

■ 29.2264, 23.9631,
27.8959

■ 26.5904, 19.9159,
23.2413

■ 32.3335, 28.8244,
33.1021

■ 24.3992, 16.6343,
19.1172

■ 35.9323, 34.5378,
38.8768

■ 22.6268, 14.0701,
15.5033


■ 40.0444, 41.1432,
45.2382

■ 21.2435, 12.1679,
12.3772


■ 44.6896, 48.6767,
52.2028

■ 20.2155, 10.8644,
9.7142


■ 49.8866, 57.1727,
59.7867


 19.5022, 10.0833,
7.4869

 55.6533, 66.6636,
68.0053

 19.1703, 9.7626,
6.3180

 62.0065, 77.1805,
76.8734

 67.8018, 86.4313,
86.0185

 69.3598, 87.0544,
94.2227

Harmonies

Analogous

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



27.9450, 23.9631, 37.4338



29.2264, 23.9631, 27.8959



28.6569, 23.9631, 19.7385

Triad

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



29.2264, 23.9631, 27.8959



20.4338, 23.9631, 13.4133



19.4574, 23.9631, 42.4761

Complementary

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



29.2264, 23.9631, 27.8959



28.8920, 37.5600, 36.3006

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.



17.7606, 23.9631, 33.6800



29.2264, 23.9631, 27.8959



18.2876, 23.9631, 17.3088

Square

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



29.2264, 23.9631, 27.8959



23.3978, 23.9631, 12.5408



17.3526, 23.9631, 24.3671



22.1658, 23.9631, 46.9925

Rectangle

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



29.2264, 23.9631, 27.8959



27.3282, 23.9631, 15.9391



17.3526, 23.9631, 24.3671



18.7600, 23.9631, 39.8375

Sweetspot

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



29.2271, 23.9642, 27.8964



66.9872, 66.0724, 73.7465



27.6245, 22.7681, 44.5341



14.3041, 13.9774, 15.6501



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.2271, 23.9642, 27.8964



48.5892, 37.1399, 43.3720



28.5509, 25.0479, 20.1608



8.6267, 8.5574, 9.5325



13.9171, 7.0844, 4.7235



0.4669, 0.2345, 0.3013

Inverse Universe

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



29.2271, 23.9642, 27.8964



48.5892, 37.1399, 43.3720



29.6475, 35.7064, 46.9248



8.6267, 8.5574, 9.5325



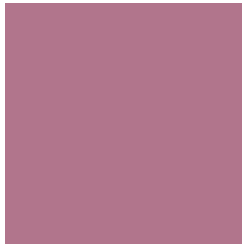
13.9171, 7.0844, 4.7235



0.4669, 0.2345, 0.3013

Previews

White Background



This preview shows how the XYZ color 29.2264, 23.9631, 27.8959 looks on a white background.

Color Contrast Check

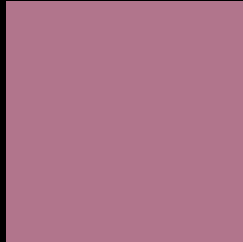
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2264, 23.9631, 27.8959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

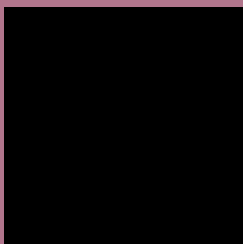
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2264, 23.9631, 27.8959

Background



This preview shows how black text looks on a background with the XYZ color 29.2264, 23.9631, 27.8959.



This preview shows how white text looks on a background with the XYZ color 29.2264, 23.9631,

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

29.2264, 23.9631, 27.8959

Protanopia

23.7030, 24.2387, 32.2834

Deuteranopia

24.5578, 24.1786, 27.4174



Tritanopia

28.3976, 23.9823, 23.5544

Trichromacy



Original Color

29.2264, 23.9631, 27.8959

Protanomaly

25.3019, 23.9032, 30.4744

Deuteranomaly

26.0257, 23.9539, 27.6780

Tritanomaly

28.5478, 23.8529, 24.9292

Monochromacy



Original Color

29.2264, 23.9631, 27.8959

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5917, 24.5047, 27.8072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2264, 23.9631, 27.8959 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(177, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(177, 117, 140)  
}
```

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(177, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 117, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.2264, 23.9631, 27.8959 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(177, 117, 140) }
```


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

```
.border{ border-color:rgb(177, 117, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 117, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(177, 117,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2264, 23.9631, 27.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 117, 140) }
```

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

```
.background{ background-color: rgb(177,  
117, 140) }
```

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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