

Converting Colors

XYZ(29.0998, 23.9121, 28.6885)

Have a look what the booklet for
XYZ(29.0998, 23.9121, 28.6885)
contains.

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Color

**XYZ(29.1483, 23.9057,
28.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	B0758E
RGB	176, 117, 142
RGB Percent	69%, 46%, 56%
CMY	0.3098, 0.5412, 0.4431
CMYK	0.00, 0.34, 0.19, 0.31
HSL	335°, 27%, 57%
HSV	335°, 34%, 69%
XYZ	29.1483, 23.9057, 28.6692
YIQ	137.4910, 27.1390, 20.2830

Conversions

Conversions Part 2

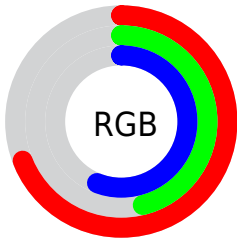
Format	Color
R _Y B	176, 117, 142
Decimal	11564430
CIE Lab	55.99, 26.86, -4.06
CIE LCh	56, 27.169, 351.402
Yxy	23.9057, 0.3567, 0.2925
Android (android.graphics.Color)	4289754510 (0xFFB0758E)
YUV	137.4910, 2.2229, 33.7724
Hunter-Lab	48.8935, 20.8509, -0.5399

Details

The XYZ color **29.1483, 23.9057, 28.6692** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4484, 37.0676, 34.9353**, and the grayscale version is **23.9490, 25.1963, 27.4387**.

A 20% lighter version of the original color is **57.9428, 50.0586, 58.8329**, and **12.0249, 9.0445, 11.2372** is the 20% darker color. If you saturate the color by 10%, you get **26.5600, 19.8927, 24.2187**, and if you desaturate by 10%, it is **32.1928, 28.7197, 33.6143**.

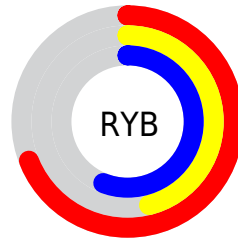
Distribution



Red (69%)

Green (46%)

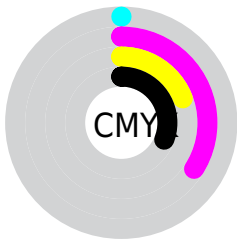
Blue (56%)



Red (69%)

Yellow (46%)

Blue (56%)

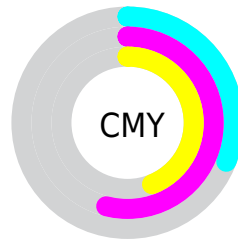


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1483, 23.9057, 28.6692 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 29.1483, 23.9057, 28.6692 by changing the saturation by 10% instead.

■ 29.1483, 23.9057,
28.6692

■ 29.1483, 23.9057,
28.6692

289.8956,
272.3434, 309.6629

■ 19.3379, 15.2637,
18.5873

■ 57.7086, 49.8763,
58.5870

■ 12.0201, 9.0047,
11.1987

■ 77.1891, 67.9736,
79.2600

■ 6.8297, 4.7442,
6.0848

■ 100.6237, 89.9915,
104.3004

■ 3.4012, 2.0980,
2.8271

128.3778,
116.3144, 134.1268

■ 1.3693, 0.6635,
1.0070

160.8167,
147.3266, 169.1577

■ 0.2342, 0.0000,
0.0000

198.3057,

■ 0.0000, 0.0000,

183.4126, 209.8116

0.0000

241.2102,
224.9567, 256.5072

■ 29.1483, 23.9057,
28.6692

■ 29.1483, 23.9057,
28.6692

■ 26.5600, 19.8927,
24.2187

■ 32.1928, 28.7197,
33.6143

■ 24.4024, 16.6334,
20.2443

■ 35.7132, 34.3720,
39.0684

■ 22.6504, 14.0804,
16.7285


■ 39.7305, 40.9015,
45.0473


■ 21.2754, 12.1797,
13.6520


■ 44.2638, 48.3439,
51.5653


■ 20.2448, 10.8694,
10.9933


■ 49.3310, 56.7327,
58.6365


 19.5196, 10.0751,
8.7286

 54.9495, 66.0997,
66.2741

 19.1600, 9.7323,
7.4485

 61.1355, 76.4752,
74.4910

 67.0034, 86.0857,
82.9992

 68.4138, 86.6498,
90.4258

Harmonies

Analogous

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



27.7124, 23.9057, 38.2148



29.1483, 23.9057, 28.6692



28.7435, 23.9057, 20.2771

Triad

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



29.1483, 23.9057, 28.6692



20.6127, 23.9057, 13.1383



19.1981, 23.9057, 41.8030

Complementary

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



29.1483, 23.9057, 28.6692



28.4484, 37.0676, 34.9353

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.



17.6057, 23.9057, 32.7777



29.1483, 23.9057, 28.6692



18.3692, 23.9057, 16.7559

Square

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



29.1483, 23.9057, 28.6692



23.6257, 23.9057, 12.5228



17.3167, 23.9057, 23.5565



21.8410, 23.9057, 46.8509

Rectangle

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



29.1483, 23.9057, 28.6692



27.4987, 23.9057, 16.2829



17.3167, 23.9057, 23.5565



18.5326, 23.9057, 39.0482

Sweetspot

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



29.1490, 23.9068, 28.6697



67.1069, 66.1203, 74.3771



26.8563, 22.3837, 43.9796



14.3332, 13.9890, 15.8035



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.



29.1490, 23.9068, 28.6697



49.4139, 37.9896, 46.1121



27.9456, 24.1742, 20.0242



8.6408, 8.5630, 9.6068



14.0860, 7.1519, 5.6126



0.4726, 0.2368, 0.3315

Inverse Universe

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



29.1490, 23.9068, 28.6697



49.4139, 37.9896, 46.1121



29.9386, 36.4476, 46.5317



8.6408, 8.5630, 9.6068



14.0860, 7.1519, 5.6126



0.4726, 0.2368, 0.3315

Previews

White Background



This preview shows how the XYZ color 29.1483, 23.9057, 28.6692 looks on a white background.

Color Contrast Check

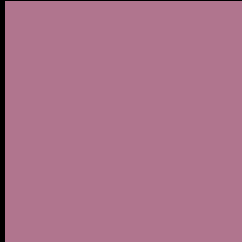
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1483, 23.9057, 28.6692 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 29.1483, 23.9057, 28.6692

Background



This preview shows how black text looks on a background with the XYZ color 29.1483, 23.9057, 28.6692.



This preview shows how white text looks on a background with the XYZ color 29.1483, 23.9057,

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

29.1483, 23.9057, 28.6692

Protanopia

23.7083, 24.2227, 33.1317

Deuteranopia

24.3933, 23.8785, 28.1343



Tritanopia

27.9487, 23.7508, 23.5334

Trichromacy



Original Color

29.1483, 23.9057, 28.6692

Protanomaly

25.2772, 23.8724, 31.2925

Deuteranomaly

25.8516, 23.6582, 28.4033

Tritanomaly

28.3913, 23.7643, 25.2809

Monochromacy



Original Color

29.1483, 23.9057, 28.6692

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.4053, 24.4087, 27.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1483, 23.9057, 28.6692 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(176, 117, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 117, 142)  
}
```

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(176, 117, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 117, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.1483, 23.9057, 28.6692 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(176, 117, 142) }
```


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

```
.border{ border-color:rgb(176, 117, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 117, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 117, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 117, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 117,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1483, 23.9057, 28.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 117, 142) }
```

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

```
.background{ background-color: rgb(176,  
117, 142) }
```

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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