

Converting Colors

XYZ(29.6399, 23.7596, 23.6938)

Have a look what the booklet for
XYZ(29.6399, 23.7596, 23.6938)
contains.

XYZ(29.7469, 23.8100, 23.7968)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.7469, 23.8100,
23.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	B87281
RGB	184, 114, 129
RGB Percent	72%, 45%, 51%
CMY	0.2784, 0.5529, 0.4941
CMYK	0.00, 0.38, 0.30, 0.28
HSL	347°, 33%, 58%
HSV	347°, 38%, 72%
XYZ	29.7469, 23.8100, 23.7968
YIQ	136.6400, 36.9050, 19.5050

Conversions

Conversions Part 2

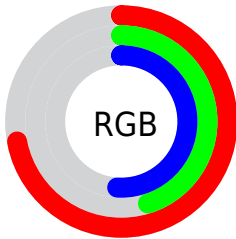
Format	Color
RYB	184, 114, 129
Decimal	12087937
CIELab	55.90, 29.57, 3.49
CIELCh	56, 29.776, 6.730
Yxy	23.8100, 0.3846, 0.3078
Android (android.graphics.Color)	4290278017 (0xFFB87281)
YUV	136.6400, -3.7665, 41.5347
Hunter-Lab	48.7955, 23.4258, 5.2420

Details

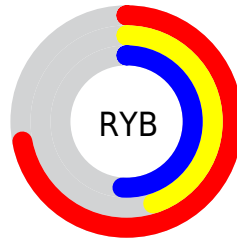
The XYZ color **29.7469, 23.8100, 23.7968** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2424, 40.7235, 43.7521**, and the grayscale version is **23.6467, 24.8782, 27.0923**.

A 20% lighter version of the original color is **58.8802, 49.8921, 50.7828**, and **12.3346, 8.9131, 8.6597** is the 20% darker color. If you saturate the color by 10%, you get **26.9823, 19.7115, 18.4646**, and if you desaturate by 10%, it is **33.0662, 28.8001, 29.9854**.

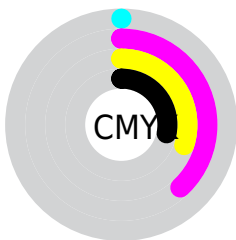
Distribution



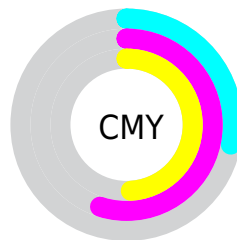
- Red (72%)
- Green (45%)
- Blue (51%)



- Red (72%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7469, 23.8100, 23.7968 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 29.7469, 23.8100, 23.7968 by changing the saturation by 10% instead.


 29.7469, 23.8100,
23.7968


 29.7469, 23.8100,
23.7968


292.6540,
271.8585, 285.0450


 19.7937, 15.1927,
14.9721


 58.6511, 49.7200,
50.6381


 12.3525, 8.9548,
8.6534


 78.3327, 67.7815,
69.4918

 7.0582, 4.7117,
4.4221


 101.9879, 89.7598,
92.5256

 3.5452, 2.0791,
1.8597

 129.9819,
116.0395, 120.1580

 1.4482, 0.6528,
0.4669

162.6802,
147.0047, 152.8076

 0.2902, 0.0000,
0.0000

200.4481,

 0.0000, 0.0000,

183.0401, 190.8930

0.0000

243.6509,
224.5299, 234.8326

■ 29.7469, 23.8100,
23.7968

■ 29.7469, 23.8100,
23.7968

■ 26.9823, 19.7115,
18.4646

■ 33.0662, 28.8001,
29.9854

■ 24.7398, 16.4486,
13.9490

■ 36.9668, 34.7267,
37.0648

■ 22.9858, 13.9642,
10.2093


■ 41.4758, 41.6357,
45.0692


■ 21.6824, 12.1925,
7.2002


■ 46.6179, 49.5690,
54.0307


■ 20.7855, 11.0569,
4.8718

■ 52.4166, 58.5662,
63.9797


 20.2287, 10.4376,
3.1627

 58.8941, 68.6646,
74.9452

 20.1404, 10.3396,
2.8903

 66.0715, 79.8998,
86.9552

 71.9575, 88.2825,
99.3659

 73.5772, 88.9303,
107.8951

Harmonies

Analogous

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



29.1679, 23.8100, 34.0284



29.7469, 23.8100, 23.7968



28.2719, 23.8100, 16.2804

Triad

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



29.7469, 23.8100, 23.7968



18.9494, 23.8100, 13.6495



20.1501, 23.8100, 47.1533

Complementary

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



29.7469, 23.8100, 23.7968



31.2424, 40.7235, 43.7521

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.



17.7948, 23.8100, 38.7797



29.7469, 23.8100, 23.7968



17.1514, 23.8100, 19.2225

Square

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



29.7469, 23.8100, 23.7968



21.8748, 23.8100, 11.4456



16.7508, 23.8100, 28.1765



23.4038, 23.8100, 49.2566

Rectangle

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



29.7469, 23.8100, 23.7968



26.4013, 23.8100, 13.2320



16.7508, 23.8100, 28.1765



19.2374, 23.8100, 44.8923

Sweetspot

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



29.7476, 23.8111, 23.7973



72.4953, 71.3425, 76.9548



30.9963, 23.9132, 48.3294



15.3883, 15.0117, 16.1646



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.



29.7476, 23.8111, 23.7973



49.4962, 36.5909, 34.6171



31.3073, 28.4106, 19.7549



9.0813, 9.0429, 9.7753



13.9025, 7.1347, 2.1072



0.5132, 0.2608, 0.1958

Inverse Universe

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



29.7476, 23.8111, 23.7973



49.4962, 36.5909, 34.6171



28.8974, 33.6496, 50.3193



9.0813, 9.0429, 9.7753



13.9025, 7.1347, 2.1072



0.5132, 0.2608, 0.1958

Previews

White Background



This preview shows how the XYZ color 29.7469, 23.8100, 23.7968 looks on a white background.

Color Contrast Check

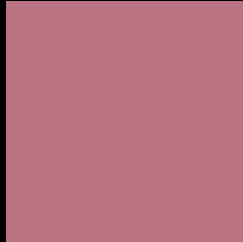
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7469, 23.8100, 23.7968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

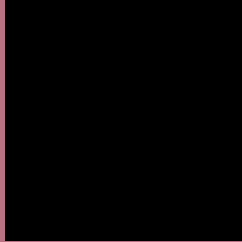
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7469, 23.8100, 23.7968

Background



This preview shows how black text looks on a background with the XYZ color 29.7469, 23.8100, 23.7968.



This preview shows how white text looks on a background with the XYZ color 29.7469, 23.8100,

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

29.7469, 23.8100, 23.7968

Protanopia

23.2504, 24.0945, 28.2362

Deuteranopia

24.3262, 23.9557, 23.0804



Tritanopia

29.2973, 23.7840, 22.1154

Trichromacy



Original Color

29.7469, 23.8100, 23.7968

Protanomaly

25.1702, 23.7286, 26.5460

Deuteranomaly

25.9387, 23.6290, 23.2724

Tritanomaly

29.4251, 23.8351, 22.7884

Monochromacy



Original Color

29.7469, 23.8100, 23.7968

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.4798, 24.2918, 25.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7469, 23.8100, 23.7968 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(184, 114, 129)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 114, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 114, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.7469, 23.8100, 23.7968 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(184, 114, 129) }
```


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

```
.border{ border-color:rgb(184, 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(184, 114, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 114, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 114, 129);  
box-shadow:4px 4px 4px 4px rgb(184, 114,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7469, 23.8100, 23.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 114, 129) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor