

Converting Colors

XYZ(23.2871, 21.0473, 28.8234)

Have a look what the booklet for
XYZ(23.2871, 21.0473, 28.8234)
contains.

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Color

**XYZ(23.2904, 21.0510,
28.8223)**

Conversions

Conversions Part 1

Format	Color
Hex	92768F
RGB	146, 118, 143
RGB Percent	57%, 46%, 56%
CMY	0.4274, 0.5372, 0.4392
CMYK	0.00, 0.19, 0.02, 0.43
HSL	306°, 11%, 52%
HSV	306°, 19%, 57%
XYZ	23.2904, 21.0510, 28.8223
YIQ	129.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

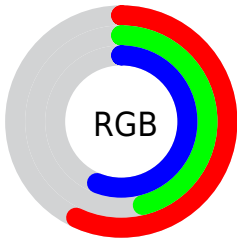
Format	Color
R_{YB}	146, 118, 143
Decimal	9598607
CIE _{Lab}	53.01, 15.45, -9.44
CIE _{LCh}	53, 18.104, 328.566
Yxy	21.0510, 0.3183, 0.2877
Android (android.graphics.Color)	4287788687 (0xFF92768F)
YUV	129.2220, 6.7926, 14.7143
Hunter-Lab	45.8814, 10.3182, -5.1285

Details

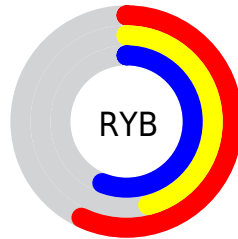
The XYZ color **23.2904, 21.0510, 28.8223** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2021, 25.7904, 21.9509**, and the grayscale version is **20.9193, 22.0088, 23.9676**.

A 20% lighter version of the original color is **48.2722, 45.0600, 58.9766**, and **8.8232, 7.4795, 11.3346** is the 20% darker color. If you saturate the color by 10%, you get **21.5849, 17.8281, 27.6733**, and if you desaturate by 10%, it is **25.2649, 24.8087, 30.0696**.

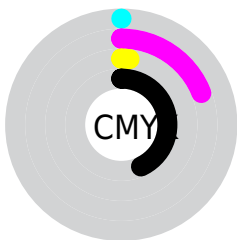
Distribution



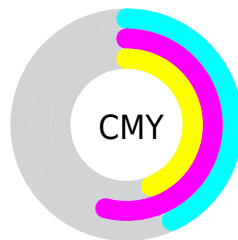
- Red (57%)
- Green (46%)
- Blue (56%)



- Red (57%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2904, 21.0510, 28.8223 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 23.2904, 21.0510, 28.8223 by changing the saturation by 10% instead.

■ 23.2904, 21.0510,
28.8223

■ 23.2904, 21.0510,
28.8223

261.7206,
257.5494, 310.4102

■ 14.9300, 13.1613,
18.7020

■ 48.3329, 45.1724,
58.8334

■ 8.8562, 7.5397,
11.2805

■ 65.7456, 62.1729,
79.5614

■ 4.7039, 3.8019,
6.1393

■ 86.9065, 82.9791,
104.6623

■ 2.1075, 1.5634,
2.8598

112.1809,
107.9753, 134.5547

■ 0.6933, 0.3327,
1.0235

141.9342,
137.5461, 169.6572

■ 0.0000, 0.0000,
0.0000

176.5316,

172.0758, 210.3882

216.3387,
211.9488, 257.1664

■ 23.2904, 21.0510,
28.8223

■ 23.2904, 21.0510,
28.8223

■ 21.5849, 17.8281,
27.6733

■ 25.2649, 24.8087,
30.0696

■ 20.1344, 15.1128,
26.6172

■ 27.5180, 29.1212,
31.4177

■ 18.9263, 12.8797,
25.6500

■ 30.0611, 34.0110,
32.8707

■ 17.9463, 11.1001,
24.7669

■ 32.9043, 39.4985,
34.4320

■ 17.1784, 9.7424,
23.9625

■ 36.0574, 45.6030,
36.1048

■ 16.6049, 8.7706,
23.2309

■ 39.5296, 52.3429,
37.8923

■ 16.2048, 8.1431,
22.5651

■ 43.3298, 59.7361,
39.7976

■ 15.9292, 7.7619,
21.9487

■ 47.4664, 67.7996,
41.8233

■ 15.9074, 7.7324,
21.8986

■ 51.9477, 76.5497,
43.9724

Harmonies

Analogous

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



21.8067, 21.0510, 33.3935



23.2904, 21.0510, 28.8223



23.8875, 21.0510, 23.1838

Triad

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



23.2904, 21.0510, 28.8223



20.0999, 21.0510, 13.9713



16.9680, 21.0510, 28.2972

Complementary

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



23.2904, 21.0510, 28.8223



21.2021, 25.7904, 21.9509

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.



16.5737, 21.0510, 22.6601



23.2904, 21.0510, 28.8223



18.3117, 21.0510, 14.9047

Square

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



23.2904, 21.0510, 28.8223



21.9748, 21.0510, 15.1021



17.0501, 21.0510, 17.8857



18.1628, 21.0510, 33.0582

Rectangle

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



23.2904, 21.0510, 28.8223



23.6754, 21.0510, 19.7482



17.0501, 21.0510, 17.8857



16.7409, 21.0510, 26.4165

Sweetspot

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



23.2910, 21.0519, 28.8228



45.7307, 45.9831, 53.7527



19.5248, 19.0837, 29.8490



10.1253, 10.1377, 11.9288



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.2910, 21.0519, 28.8228



39.7400, 34.5855, 49.9556



22.3090, 20.6591, 23.6513



6.0088, 5.8986, 7.1526



14.0033, 6.8064, 19.2963



0.1776, 0.0858, 0.2687

Inverse Universe

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



23.2910, 21.0519, 28.8228



39.7400, 34.5855, 49.9556



22.1099, 26.1535, 26.7314



6.0088, 5.8986, 7.1526



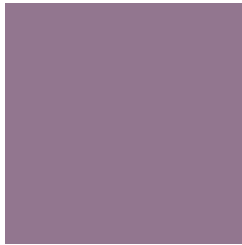
14.0033, 6.8064, 19.2963



0.1776, 0.0858, 0.2687

Previews

White Background



This preview shows how the XYZ color 23.2904, 21.0510, 28.8223 looks on a white background.

Color Contrast Check

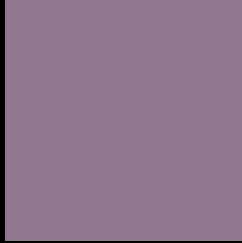
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2904, 21.0510, 28.8223 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 23.2904, 21.0510, 28.8223

Background



This preview shows how black text looks on a background with the XYZ color 23.2904, 21.0510, 28.8223.



This preview shows how white text looks on a background with the XYZ color 23.2904, 21.0510,

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

23.2904, 21.0510, 28.8223

Protanopia

20.8322, 21.1974, 31.0105

Deuteranopia

21.4812, 21.0244, 28.5171



Tritanopia

22.2473, 20.9739, 23.9949

Trichromacy



Original Color

23.2904, 21.0510, 28.8223

Protanomaly

21.6313, 21.0665, 30.1203

Deuteranomaly

22.0364, 20.9461, 28.4727

Tritanomaly

22.6471, 20.9627, 25.7742

Monochromacy



Original Color

23.2904, 21.0510, 28.8223

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.6284, 21.5394, 25.5718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2904, 21.0510, 28.8223 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(146, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 118, 143)  
}
```

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(146, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 118, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.2904, 21.0510, 28.8223 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(146, 118, 143) }
```


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

```
.border{ border-color:rgb(146, 118, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 118, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 118,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2904, 21.0510, 28.8223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 118, 143) }
```

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

```
.background{ background-color: rgb(146,  
118, 143) }
```

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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