

Converting Colors

XYZ(23.7643, 23.7507, 29.4982)

Have a look what the booklet for
XYZ(23.7643, 23.7507, 29.4982)
contains.

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Color

**XYZ(23.7217, 23.7047,
29.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	8B838F
RGB	139, 131, 143
RGB Percent	55%, 51%, 56%
CMY	0.4549, 0.4863, 0.4392
CMYK	0.03, 0.08, 0.00, 0.44
HSL	280°, 5%, 54%
HSV	280°, 8%, 56%
XYZ	23.7217, 23.7047, 29.3118
YIQ	134.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

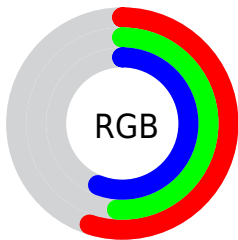
Format	Color
R_YB	139, 131, 143
Decimal	9143183
CIE Lab	55.79, 5.36, -5.36
CIE LCh	56, 7.581, 314.989
Yxy	23.7047, 0.3091, 0.3089
Android (android.graphics.Color)	4287333263 (0xFF8B838F)
YUV	134.7600, 4.0623, 3.7185
Hunter-Lab	48.6875, 1.7664, -1.6137

Details

The XYZ color **23.7217, 23.7047, 29.3118** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9117, 26.4351, 25.3160**, and the grayscale version is **22.9260, 24.1199, 26.2666**.

A 20% lighter version of the original color is **48.9568, 49.5187, 59.8011**, and **9.1129, 8.9487, 11.6029** is the 20% darker color. If you saturate the color by 10%, you get **21.1536, 19.7243, 28.6792**, and if you desaturate by 10%, it is **26.5910, 28.2352, 30.0354**.

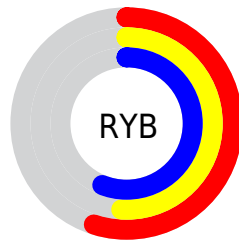
Distribution



Red (55%)

Green (51%)

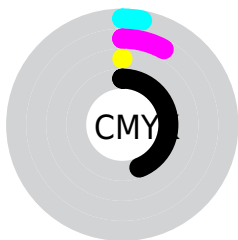
Blue (56%)



Red (55%)

Yellow (51%)

Blue (56%)

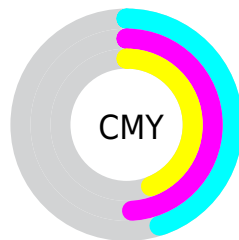


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7217, 23.7047, 29.3118 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 23.7217, 23.7047, 29.3118 by changing the saturation by 10% instead.

■ 23.7217, 23.7047,
29.3118

■ 23.7217, 23.7047,
29.3118

263.8771,
271.3241, 312.7901

■ 15.2509, 15.1147,
19.0692

■ 49.0337, 49.5479,
59.6202

■ 9.0831, 8.8999,
11.5430

■ 66.6056, 67.5699,
80.5231

■ 4.8530, 4.6760,
6.3146

■ 87.9419, 89.5046,
105.8165

■ 2.1951, 2.0584,
2.9654

113.4079,
115.7366, 135.9189

■ 0.7402, 0.6411,
1.0770

143.3692,
146.6501, 171.2490

■ 0.0000, 0.0000,
0.0000

178.1909,

182.6296, 212.2252

218.2384,
224.0595, 259.2660

■ 23.7217, 23.7047,
29.3118

■ 23.7217, 23.7047,
29.3118

■ 21.1536, 19.7243,
28.6792

■ 26.5910, 28.2352,
30.0354

■ 18.8734, 16.2691,
28.1325

■ 29.7700, 33.3334,
30.8519

■ 16.8699, 13.3170,
27.6683

■ 33.2695, 39.0198,
31.7650

■ 15.1300, 10.8427,
27.2824

■ 37.0990, 45.3128,
32.7779

■ 13.6400, 8.8191,
26.9703

■ 41.2677, 52.2303,
33.8934

■ 12.3843, 7.2161,
26.7271

■ 45.7845, 59.7892,
35.1143

■ 11.3456, 5.9997,
26.5470

■ 50.6578, 68.0058,
36.4435

■ 10.5040, 5.1308,
26.4237

■ 55.8957, 76.8960,
37.8834

■ 9.8171, 4.5253,
26.3430

■ 59.9870, 83.4368,
38.9302

Harmonies

Analogous

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



22.9616, 23.7047, 30.6678



23.7217, 23.7047, 29.3118



24.1682, 23.7047, 27.0583

Triad

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



23.7217, 23.7047, 29.3118



22.9622, 23.7047, 21.4954



20.9686, 23.7047, 27.0565

Complementary

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



23.7217, 23.7047, 29.3118



23.9117, 26.4351, 25.3160

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.



20.9687, 23.7047, 24.6015



23.7217, 23.7047, 29.3118



22.1050, 23.7047, 21.4950

Square

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



23.7217, 23.7047, 29.3118



23.7221, 23.7047, 22.6007



21.3801, 23.7047, 22.5995



21.3797, 23.7047, 29.3105

Rectangle

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



23.7217, 23.7047, 29.3118



24.2208, 23.7047, 25.4001



21.3801, 23.7047, 22.5995



20.9209, 23.7047, 26.2251

Sweetspot

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



23.7224, 23.7057, 29.3123



45.1509, 46.6489, 53.1625



23.0108, 24.1932, 29.4439



10.2646, 10.5563, 12.1688



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.



23.7224, 23.7057, 29.3123



41.6053, 41.0821, 52.2748



24.2673, 24.0022, 28.6318



5.4540, 5.4222, 6.7879



8.6096, 3.9320, 23.2823



0.1057, 0.0497, 0.2237

Inverse Universe

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



23.8179, 23.8225, 26.2655



41.8178, 41.3377, 45.6868



23.4032, 26.1587, 25.9346



5.4784, 5.4519, 6.0174



10.4905, 5.3532, 2.9684



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 23.7217, 23.7047, 29.3118 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 23.7217, 23.7047, 29.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

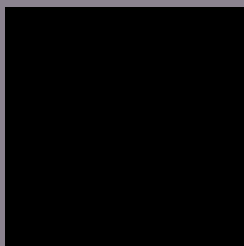
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7217, 23.7047, 29.3118

Background



This preview shows how black text looks on a background with the XYZ color 23.7217, 23.7047, 29.3118.

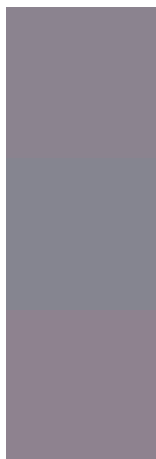


This preview shows how white text looks on a background with the XYZ color 23.7217, 23.7047,

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

23.7217, 23.7047, 29.3118

Protanopia

23.0944, 23.7752, 29.7574

Deuteranopia

24.0959, 23.6992, 29.2910



Tritanopia

23.6462, 23.6746, 28.9145

Trichromacy



Original Color

23.7217, 23.7047, 29.3118

Protanomaly

23.2770, 23.6670, 29.7269

Deuteranomaly

23.9251, 23.6112, 29.2830

Tritanomaly

23.6462, 23.6746, 28.9145

Monochromacy



Original Color

23.7217, 23.7047, 29.3118

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2659, 24.1194, 27.4740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7217, 23.7047, 29.3118 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(139, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 131, 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(139, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 131, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.7217, 23.7047, 29.3118 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(139, 131, 143) }
```


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

```
.border{ border-color:rgb(139, 131, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 131, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 131, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 131, 143); box-shadow:4px 4px 4px 4px rgb(139, 131, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7217, 23.7047, 29.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 131, 143) }
```

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

```
.background{ background-color: rgb(139,  
131, 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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