

Converting Colors

XYZ(21.9423, 21.7387, 29.8122)

Have a look what the booklet for
XYZ(21.9423, 21.7387, 29.8122)
contains.

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Color

**XYZ(21.9318, 21.7913,
29.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	837E91
RGB	131, 126, 145
RGB Percent	51%, 49%, 57%
CMY	0.4863, 0.5059, 0.4314
CMYK	0.10, 0.13, 0.00, 0.43
HSL	256°, 8%, 53%
HSV	256°, 13%, 57%
XYZ	21.9318, 21.7913, 29.8383
YIQ	129.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

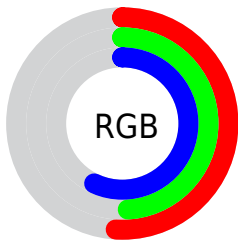
Format	Color
RYB	131, 126, 145
Decimal	8617617
CIELab	53.80, 5.79, -9.55
CIELCh	54, 11.174, 301.236
Yxy	21.7913, 0.2981, 0.2962
Android (android.graphics.Color)	4286807697 (0xFF837E91)
YUV	129.6610, 7.5621, 1.1743
Hunter-Lab	46.6812, 2.1711, -5.2210

Details

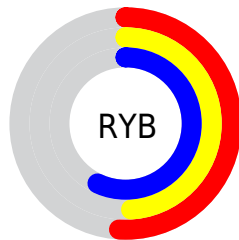
The XYZ color **21.9318, 21.7913, 29.8383** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7072, 27.3331, 23.7132**, and the grayscale version is **21.0739, 22.1714, 24.1447**.

A 20% lighter version of the original color is **46.1961, 46.5541, 60.5839**, and **8.1991, 7.9278, 11.9246** is the 20% darker color. If you saturate the color by 10%, you get **18.6401, 17.5390, 29.1914**, and if you desaturate by 10%, it is **25.6642, 26.6709, 30.5838**.

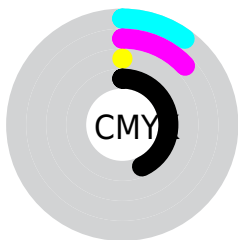
Distribution



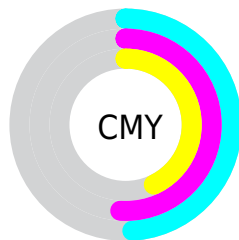
- Red (51%)
- Green (49%)
- Blue (57%)



- Red (51%)
- Yellow (49%)
- Blue (57%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9318, 21.7913, 29.8383 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 21.9318, 21.7913, 29.8383 by changing the saturation by 10% instead.

■ 21.9318, 21.7913,
29.8383

■ 21.9318, 21.7913,
29.8383

254.8290,
261.4544, 315.3338

■ 13.9231, 13.7036,
19.4649

■ 46.1129, 46.4008,
60.4643

■ 8.1486, 7.9148,
11.8265

■ 63.0161, 63.6915,
81.5540

■ 4.2428, 4.0405,
6.5045

■ 83.6148, 84.8185,
107.0529

■ 1.8404, 1.6962,
3.0805

108.2744,
110.1665, 137.3795

■ 0.5418, 0.4212,
1.1359

137.3603,
140.1196, 172.9524

■ 0.0000, 0.0000,
0.0000

171.2378,

175.0624, 214.1900

210.2722,
215.3792, 261.5110

■ 21.9318, 21.7913,
29.8383

■ 21.9318, 21.7913,
29.8383

■ 18.6401, 17.5390,
29.1914

■ 25.6642, 26.6709,
30.5838

■ 15.7706, 13.8857,
28.6374

■ 29.8512, 32.1993,
31.4302

■ 13.3061, 10.8047,
28.1726

■ 34.5084, 38.4003,
32.3816

■ 11.2276, 8.2665,
27.7923

■ 39.6499, 45.2956,
33.4416

■ 9.5144, 6.2385,
27.4911

■ 45.2894, 52.9059,
34.6133

8.1439, 4.6851,
27.2635

51.4401, 61.2513,
35.8999

7.0906, 3.5653,
27.1029

58.1146, 70.3508,
37.3045

6.3249, 2.8313,
27.0016

65.3249, 80.2228,
38.8300

5.9159, 2.4594,
26.9513

72.6013, 89.9220,
40.3186

Harmonies

Analogous

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



20.7618, 21.7913, 30.9666



21.9318, 21.7913, 29.8383



22.8014, 21.7913, 27.0514

Triad

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



21.9318, 21.7913, 29.8383



21.8424, 21.7913, 18.3924



18.4895, 21.7913, 23.8698

Complementary

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



21.9318, 21.7913, 29.8383



24.7072, 27.3331, 23.7132

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.



18.7543, 21.7913, 20.6868



21.9318, 21.7913, 29.8383



20.6623, 21.7913, 17.7141

Square

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



21.9318, 21.7913, 29.8383



22.7484, 21.7913, 20.4623



19.5382, 21.7913, 18.5129



18.8009, 21.7913, 27.3217

Rectangle

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



21.9318, 21.7913, 29.8383



23.0774, 21.7913, 24.7483



19.5382, 21.7913, 18.5129



18.5140, 21.7913, 22.7342

Sweetspot

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



21.9325, 21.7922, 29.8388



45.2689, 46.8549, 54.6315



23.1304, 25.3099, 30.4546



9.9633, 10.2827, 12.1318



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.



21.9325, 21.7922, 29.8388



37.2873, 36.4445, 53.0428



23.4297, 22.5641, 29.9089



5.2544, 5.3193, 6.7786



5.0961, 2.1207, 23.1178



0.0671, 0.0298, 0.2219

Inverse Universe

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



23.8722, 22.8358, 27.9613



41.5410, 38.7341, 48.8717



23.2134, 26.5630, 23.6433



5.5665, 5.4871, 6.4812



12.2962, 6.0755, 12.4770



0.1266, 0.0617, 0.1671

Previews

White Background



This preview shows how the XYZ color 21.9318, 21.7913, 29.8383 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 21.9318, 21.7913, 29.8383 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 21.9318, 21.7913, 29.8383

Background



This preview shows how black text looks on a background with the XYZ color 21.9318, 21.7913, 29.8383.



This preview shows how white text looks on a background with the XYZ color 21.9318, 21.7913,

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

21.9318, 21.7913, 29.8383

Protanopia

21.5117, 21.9493, 30.2970

Deuteranopia

22.1173, 21.6981, 29.8105



Tritanopia

21.3106, 21.7307, 26.7382

Trichromacy



Original Color

21.9318, 21.7913, 29.8383

Protanomaly

21.6798, 21.8433, 30.2677

Deuteranomaly

21.9602, 21.6171, 29.8032

Tritanomaly

21.5289, 21.8180, 27.8875

Monochromacy



Original Color

21.9318, 21.7913, 29.8383

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4294, 22.1956, 26.0764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9318, 21.7913, 29.8383 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(131, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 145)  
}
```

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(131, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.9318, 21.7913, 29.8383 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(131, 126, 145) }
```


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

```
.border{ border-color:rgb(131, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9318, 21.7913, 29.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 145) }
```

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

```
.background{ background-color: rgb(131,  
126, 145) }
```

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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