

Converting Colors

XYZ(21.9305, 23.8024, 29.4251)

Have a look what the booklet for
XYZ(21.9305, 23.8024, 29.4251)
contains.

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Color

**XYZ(21.9305, 23.8024,
29.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	7B888F
RGB	123, 136, 143
RGB Percent	48%, 53%, 56%
CMY	0.5176, 0.4667, 0.4392
CMYK	0.14, 0.05, 0.00, 0.44
HSL	201°, 8%, 52%
HSV	201°, 14%, 56%
XYZ	21.9305, 23.8024, 29.4251
YIQ	132.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

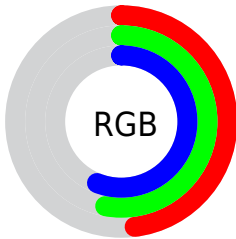
Format	Color
R_{YB}	123, 131, 143
Decimal	8095887
CIE _{Lab}	55.89, -3.20, -5.36
CIE _{LCh}	56, 6.239, 239.179
Y _{xy}	23.8024, 0.2918, 0.3167
Android (android.graphics.Color)	4286285967 (0xFF7B888F)
Y _{UV}	132.9110, 4.9739, -8.6919
Hunter-Lab	48.7877, -5.1412, -1.6079

Details

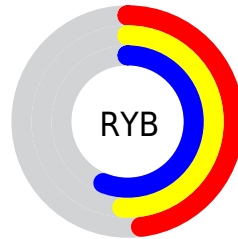
The XYZ color **21.9305, 23.8024, 29.4251** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8858, 23.2351, 22.0181**, and the grayscale version is **22.2476, 23.4062, 25.4893**.

A 20% lighter version of the original color is **46.1801, 49.6565, 59.9740**, and **8.1276, 8.9017, 11.6458** is the 20% darker color. If you saturate the color by 10%, you get **19.3442, 21.4478, 29.1073**, and if you desaturate by 10%, it is **24.8500, 26.3789, 29.7689**.

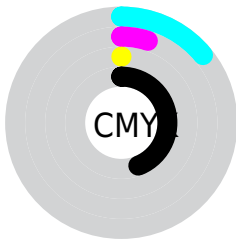
Distribution



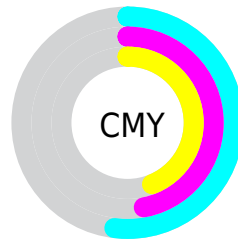
- Red (48%)
- Green (53%)
- Blue (56%)



- Red (48%)
- Yellow (51%)
- Blue (56%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9305, 23.8024, 29.4251 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 21.9305, 23.8024, 29.4251 by changing the saturation by 10% instead.

■ 21.9305, 23.8024,
29.4251

■ 21.9305, 23.8024,
29.4251

254.8223,
271.8200, 313.3389

■ 13.9222, 15.1871,
19.1543

■ 46.1108, 49.7076,
59.8020

■ 8.1479, 8.9508,
11.6039

■ 63.0135, 67.7662,
80.7452

■ 4.2423, 4.7091,
6.3553

■ 83.6117, 89.7414,
106.0830

■ 1.8401, 2.0776,
2.9901

108.2707,
116.0176, 136.2338

■ 0.5417, 0.6520,
1.0896

137.3559,
146.9792, 171.6163

■ 0.0000, 0.0000,
0.0000

171.2327,

183.0105, 212.6490

210.2664,
224.4959, 259.7503

■ 21.9305, 23.8024,
29.4251

■ 21.9305, 23.8024,
29.4251

■ 19.3442, 21.4478,
29.1073

■ 24.8500, 26.3789,
29.7689

■ 17.0756, 19.3045,
28.8132

■ 28.1131, 29.1814,
30.1379

■ 15.1111, 17.3656,
28.5425

■ 31.7324, 32.2176,
30.5332

■ 13.4353, 15.6223,
28.2943

■ 35.7191, 35.4940,
30.9554

■ 12.0312, 14.0652,
28.0678

■ 40.0842, 39.0168,
31.4054

■ 10.8800, 12.6839,
27.8618

■ 44.8377, 42.7919,
31.8835

■ 9.9603, 11.4666,
27.6753

■ 49.9898, 46.8249,
32.3904

■ 9.2459, 10.3991,
27.5069

■ 55.5498, 51.1215,
32.9266

■ 8.8689, 9.8051,
27.4121

■ 61.5271, 55.6867,
33.4928

Harmonies

Analogous

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



21.4512, 23.8024, 27.8720



21.9305, 23.8024, 29.4251



22.6039, 23.8024, 30.0303

Triad

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



21.9305, 23.8024, 29.4251



24.0176, 23.8024, 25.9729



21.9637, 23.8024, 22.6477

Complementary

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



21.9305, 23.8024, 29.4251



22.8858, 23.2351, 22.0181

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.



22.6431, 23.8024, 22.1971



21.9305, 23.8024, 29.4251



23.8377, 23.8024, 24.0551

Square

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



21.9305, 23.8024, 29.4251



23.8174, 23.8024, 27.9741



23.3309, 23.8024, 22.6990



21.4701, 23.8024, 23.9628

Rectangle

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



21.9305, 23.8024, 29.4251



23.0754, 23.8024, 29.7918



23.3309, 23.8024, 22.6990



22.1775, 23.8024, 22.3933

Sweetspot

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



21.9312, 23.8034, 29.4256



44.4470, 47.1920, 53.3044



21.9983, 25.4591, 24.7572



10.1049, 10.7457, 12.2138



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.



21.9312, 23.8034, 29.4256



37.6464, 41.1609, 52.4987



20.6304, 21.2018, 28.9920



5.4036, 5.8029, 6.8640



7.8618, 8.7095, 24.2438



0.0959, 0.1247, 0.2387

Inverse Universe

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



22.8552, 21.7838, 26.2937



39.6706, 36.8341, 45.6156



24.2328, 25.9291, 22.4671



5.5472, 5.4794, 6.3795



11.7714, 5.8656, 9.7133



0.1230, 0.0603, 0.1480

Previews

White Background



This preview shows how the XYZ color 21.9305, 23.8024, 29.4251 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 21.9305, 23.8024, 29.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

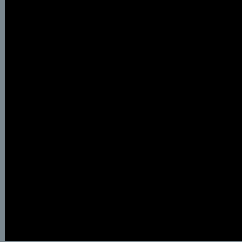
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9305, 23.8024, 29.4251

Background



This preview shows how black text looks on a background with the XYZ color 21.9305, 23.8024, 29.4251.



This preview shows how white text looks on a background with the XYZ color 21.9305, 23.8024,

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

21.9305, 23.8024, 29.4251

Protanopia

23.0268, 23.7665, 28.5731

Deuteranopia

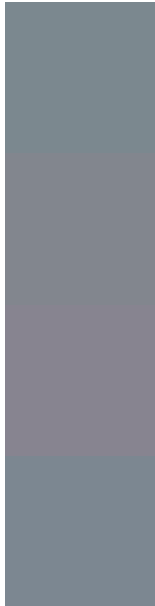
24.1720, 23.7297, 29.6918



Tritanopia

22.1645, 23.6884, 30.5982

Trichromacy



Original Color

21.9305, 23.8024, 29.4251

Protanomaly

22.6135, 23.7490, 28.9833

Deuteranomaly

23.2770, 23.6670, 29.7269

Tritanomaly

22.0870, 23.6574, 30.1903

Monochromacy



Original Color

21.9305, 23.8024, 29.4251

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0937, 23.5235, 27.0429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9305, 23.8024, 29.4251 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(123, 136, 143)` looks like.

```
.text, #text, p{  
    color:rgb(123, 136, 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(123, 136, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 136, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.9305, 23.8024, 29.4251 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(123, 136, 143) }
```


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

```
.border{ border-color:rgb(123, 136, 143) }
```

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

Here you see how a box with a 4 pixel rgb(123, 136, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 136, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 136, 143);  
box-shadow:4px 4px 4px 4px rgb(123, 136,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9305, 23.8024, 29.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 136, 143) }
```

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

```
.background{ background-color: rgb(123,  
136, 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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