

Converting Colors

XYZ(21.7079, 22.0925, 29.0901)

Have a look what the booklet for
XYZ(21.7079, 22.0925, 29.0901)
contains.

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Color

**XYZ(21.7304, 22.0886,
29.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	81808F
RGB	129, 128, 143
RGB Percent	51%, 50%, 56%
CMY	0.4941, 0.4980, 0.4392
CMYK	0.10, 0.10, 0.00, 0.44
HSL	244°, 6%, 53%
HSV	244°, 10%, 56%
XYZ	21.7304, 22.0886, 29.1048
YIQ	130.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

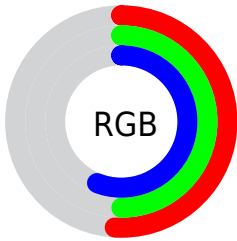
Format	Color
R_{YB}	129, 128, 143
Decimal	8487055
CIE _{Lab}	54.12, 3.49, -7.94
CIE _{LCh}	54, 8.670, 293.742
Yxy	22.0886, 0.2980, 0.3029
Android (android.graphics.Color)	4286677135 (0xFF81808F)
YUV	130.0090, 6.4046, -0.8849
Hunter-Lab	46.9985, 0.2845, -3.8176

Details

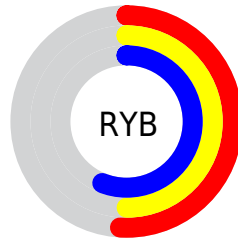
The XYZ color **21.7304, 22.0886, 29.1048** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8747, 26.9547, 24.3148**, and the grayscale version is **21.2009, 22.3050, 24.2902**.

A 20% lighter version of the original color is **45.8933, 47.0240, 59.4810**, and **8.0800, 8.0878, 11.4912** is the 20% darker color. If you saturate the color by 10%, you get **18.0984, 17.6402, 28.4379**, and if you desaturate by 10%, it is **25.8915, 27.2012, 29.8727**.

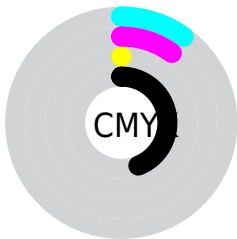
Distribution



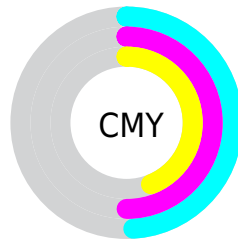
- Red (51%)
- Green (50%)
- Blue (56%)



- Red (51%)
- Yellow (50%)
- Blue (56%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7304, 22.0886, 29.1048 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 21.7304, 22.0886, 29.1048 by changing the saturation by 10% instead.

■ 21.7304, 22.0886,
29.1048

■ 21.7304, 22.0886,
29.1048

253.7940,
263.0086, 311.7855

■ 13.7744, 13.9220,
18.9139

■ 45.7822, 46.8924,
59.2877

■ 8.0446, 8.0664,
11.4319

■ 62.6087, 64.2984,
80.1168

■ 4.1755, 4.1375,
6.2403

■ 83.1228, 85.5530,
105.3290

■ 1.8019, 1.7508,
2.9206

107.6898,
111.0405, 135.3428

■ 0.5188, 0.4562,
1.0542

136.6750,
141.1455, 170.5768

■ 0.0000, 0.0000,
0.0000

170.4439,

176.2522, 211.4496

209.3618,
216.7451, 258.3796

■ 21.7304, 22.0886,
29.1048

■ 21.7304, 22.0886,
29.1048

■ 18.0984, 17.6402,
28.4379

■ 25.8915, 27.2012,
29.8727

■ 14.9724, 13.8261,
27.8665

■ 30.5996, 33.0007,
30.7439

■ 12.3305, 10.6182,
27.3866

■ 35.8743, 39.5123,
31.7228

■ 10.1484, 7.9852,
26.9934

■ 41.7336, 46.7590,
32.8127

■ 8.3998, 5.8932,
26.6817

■ 48.1946, 54.7628,
34.0171

■ 7.0557, 4.3044,
26.4459

■ 55.2739, 63.5448,
35.3391

■ 6.0835, 3.1764,
26.2794

■ 62.9873, 73.1252,
36.7817

■ 5.4455, 2.4598,
26.1747

■ 71.3501, 83.5235,
38.3480

■ 5.0772, 2.0447,
26.1140

■ 79.8312, 93.6668,
39.8589

Harmonies

Analogous

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



20.7982, 22.0886, 29.5695



21.7304, 22.0886, 29.1048



22.4854, 22.0886, 27.2425

Triad

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



21.7304, 22.0886, 29.1048



22.0813, 22.0886, 20.1150



19.2493, 22.0886, 23.4911

Complementary

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



21.7304, 22.0886, 29.1048



24.8747, 26.9547, 24.3148

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.



19.5711, 22.0886, 21.1185



21.7304, 22.0886, 29.1048



21.1921, 22.0886, 19.2652

Square

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



21.7304, 22.0886, 29.1048



22.6922, 22.0886, 22.0270



20.2755, 22.0886, 19.6185



19.3838, 22.0886, 26.1947

Rectangle

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



21.7304, 22.0886, 29.1048



22.7772, 22.0886, 25.5286



20.2755, 22.0886, 19.6185



19.3074, 22.0886, 22.6310

Sweetspot

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



21.7311, 22.0895, 29.1053



44.3559, 46.2391, 53.1252



23.5709, 25.9934, 29.7618



10.0385, 10.4397, 12.1582



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.



21.7311, 22.0895, 29.1053



37.0102, 37.2208, 51.7717



22.8718, 22.6776, 29.1587



5.1608, 5.2711, 6.7742



4.4964, 1.8116, 23.0898



0.0483, 0.0201, 0.2210

Inverse Universe

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



23.9300, 23.2318, 28.8148



41.9060, 39.7644, 51.1103



23.6708, 26.3341, 24.2584



5.6110, 5.5049, 6.7153



13.7913, 6.6735, 20.3499



0.1349, 0.0650, 0.2105

Previews

White Background



This preview shows how the XYZ color 21.7304, 22.0886, 29.1048 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 21.7304, 22.0886, 29.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

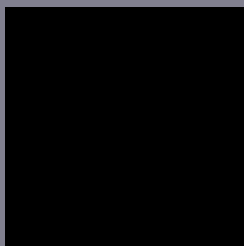
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7304, 22.0886, 29.1048

Background



This preview shows how black text looks on a background with the XYZ color 21.7304, 22.0886, 29.1048.

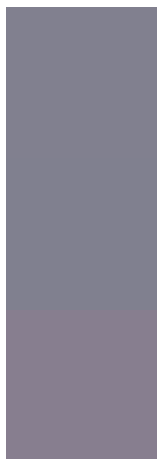


This preview shows how white text looks on a background with the XYZ color 21.7304, 22.0886,

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

21.7304, 22.0886, 29.1048

Protanopia

21.5792, 22.0107, 29.0977

Deuteranopia

22.4105, 22.0558, 29.0626



Tritanopia

21.4125, 22.1538, 27.5736

Trichromacy



Original Color

21.7304, 22.0886, 29.1048

Protanomaly

21.5792, 22.0107, 29.0977

Deuteranomaly

22.2202, 22.1485, 29.0906

Tritanomaly

21.4860, 22.1832, 27.9603

Monochromacy



Original Color

21.7304, 22.0886, 29.1048

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 21.7304, 22.0886, 29.1048 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(129, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(129, 128, 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(129, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.7304, 22.0886, 29.1048 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(129, 128, 143) }
```


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

```
.border{ border-color:rgb(129, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(129, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7304, 22.0886, 29.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 128, 143) }
```

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

```
.background{ background-color: rgb(129,  
128, 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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