

Converting Colors

XYZ(21.7954, 24.7639, 25.5966)

Have a look what the booklet for
XYZ(21.7954, 24.7639, 25.5966)
contains.

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Color

**XYZ(21.7113, 24.6331,
25.4401)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8C84
RGB	123, 140, 132
RGB Percent	48%, 55%, 52%
CMY	0.5176, 0.4510, 0.4823
CMYK	0.12, 0.00, 0.06, 0.45
HSL	152°, 7%, 52%
HSV	152°, 12%, 55%
XYZ	21.7113, 24.6331, 25.4401
YIQ	134.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

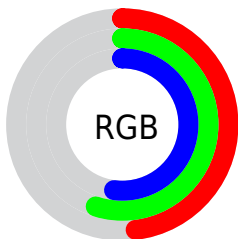
Format	Color
RYB	123, 134, 140
Decimal	8096900
CIELab	56.72, -7.79, 2.19
CIElCh	57, 8.088, 164.289
Yxy	24.6331, 0.3025, 0.3432
Android (android.graphics.Color)	4286286980 (0xFF7B8C84)
YUV	134.0050, -0.9885, -9.6514
Hunter-Lab	49.6317, -8.7711, 4.3515

Details

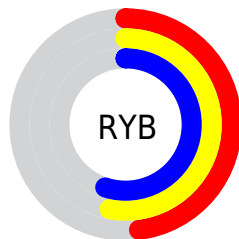
The XYZ color **21.7113, 24.6331, 25.4401** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9958, 21.3806, 24.4415**, and the grayscale version is **22.6679, 23.8484, 25.9709**.

A 20% lighter version of the original color is **45.9532, 51.3165, 53.3820**, and **8.0415, 9.3927, 9.5728** is the 20% darker color. If you saturate the color by 10%, you get **19.4133, 23.4996, 23.0528**, and if you desaturate by 10%, it is **24.3256, 25.9277, 27.9919**.

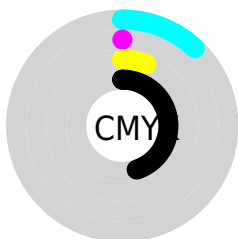
Distribution



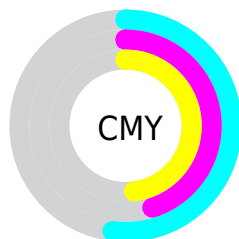
- Red (48%)
- Green (55%)
- Blue (52%)



- Red (48%)
- Yellow (53%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7113, 24.6331, 25.4401 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 21.7113, 24.6331, 25.4401 by changing the saturation by 10% instead.

■ 21.7113, 24.6331,
25.4401

■ 21.7113, 24.6331,
25.4401

253.6957,
276.0058, 293.5402

■ 13.7603, 15.8039,
16.1832

■ 45.7508, 51.0614,
53.3432

■ 8.0347, 9.3855,
9.4982

■ 62.5700, 69.4293,
72.8266

■ 4.1692, 4.9935,
4.9663

■ 83.0761, 91.7455,
96.5559

■ 1.7983, 2.2434,
2.1691

107.6342,
118.3945, 124.9497

■ 0.5166, 0.7435,
0.6565

136.6100,
149.7606, 158.4264

■ 0.0000, 0.0000,
0.0000

170.3685,

186.2283, 197.4047

209.2753,
228.1819, 242.3031

■ 21.7113, 24.6331,
25.4401

■ 21.7113, 24.6331,
25.4401

■ 19.4133, 23.4996,
23.0528

■ 24.3256, 25.9277,
27.9919

■ 17.4170, 22.5177,
20.8252

■ 27.2661, 27.3865,
30.7098

■ 15.7095, 21.6815,
18.7542

■ 30.5446, 29.0161,
33.5975

■ 14.2763, 20.9836,
16.8364

■ 34.1720, 30.8221,
36.6580

■ 13.1014, 20.4159,
15.0680

■ 38.1583, 32.8097,
39.8943

■ 12.1674, 19.9693,
13.4452

■ 42.5135, 34.9838,
43.3091

■ 11.4541, 19.6337,
11.9637

■ 47.2470, 37.3493,
46.9053

■ 10.9383, 19.3970,
10.6192

■ 52.3677, 39.9107,
50.6855

■ 10.6183, 19.2530,
9.6544

■ 57.8845, 42.6727,
54.6526

Harmonies

Analogous

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



22.1701, 24.6331, 23.2746



21.7113, 24.6331, 25.4401



21.7002, 24.6331, 28.1229

Triad

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



21.7113, 24.6331, 25.4401



23.8632, 24.6331, 32.1723



24.7345, 24.6331, 23.3576

Complementary

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



21.7113, 24.6331, 25.4401



21.9958, 21.3806, 24.4415

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.



25.2137, 24.6331, 25.5605



21.7113, 24.6331, 25.4401



24.7015, 24.6331, 30.7111

Square

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



21.7113, 24.6331, 25.4401



22.9257, 24.6331, 32.1347



25.2014, 24.6331, 28.2515



23.9072, 24.6331, 22.1284

Rectangle

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



21.7113, 24.6331, 25.4401



21.9473, 24.6331, 29.8530



25.2014, 24.6331, 28.2515



24.9426, 24.6331, 24.0020

Sweetspot

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



21.7120, 24.6341, 25.4406



41.9468, 45.2447, 48.4533



22.3478, 25.0300, 22.3926



9.5901, 10.3881, 11.0923



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.7120, 24.6341, 25.4406



36.9329, 42.7647, 43.4847



22.2396, 24.7790, 28.4229



5.0752, 5.6496, 5.9171



9.4444, 17.1103, 8.6307



0.0701, 0.1166, 0.0963

Inverse Universe

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



21.9958, 21.3806, 24.4415



37.5506, 35.6835, 41.3101



21.5093, 21.2423, 21.7057



5.1244, 5.0852, 5.7438



10.4906, 5.3064, 5.0879



0.0770, 0.0382, 0.0722

Previews

White Background



This preview shows how the XYZ color 21.7113, 24.6331, 25.4401 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 21.7113, 24.6331, 25.4401 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

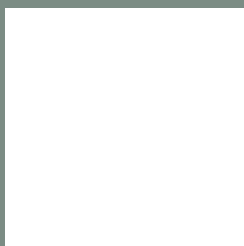
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7113, 24.6331, 25.4401

Background



This preview shows how black text looks on a background with the XYZ color 21.7113, 24.6331, 25.4401.



This preview shows how white text looks on a background with the XYZ color 21.7113, 24.6331,

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

21.7113, 24.6331, 25.4401

Protanopia

23.4416, 24.4884, 24.2601

Deuteranopia

24.9971, 24.4379, 25.9537



Tritanopia

23.0380, 24.7507, 31.5801

Trichromacy



Original Color

21.7113, 24.6331, 25.4401

Protanomaly

22.8064, 24.5714, 24.6598

Deuteranomaly

23.5740, 24.3191, 25.6419

Tritanomaly

22.5726, 24.7782, 29.1842

Monochromacy



Original Color

21.7113, 24.6331, 25.4401

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2437, 24.0476, 25.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7113, 24.6331, 25.4401 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, 140, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 140, 132)  
}
```

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, 140, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 140, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.7113, 24.6331, 25.4401 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, 140, 132) }
```


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

```
.border{ border-color:rgb(123, 140, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 140, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 140, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 140, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 140,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7113, 24.6331, 25.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 140, 132) }
```

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

```
.background{ background-color: rgb(123,  
140, 132) }
```

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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