

Converting Colors

XYZ(24.2250, 28.8431, 29.4898)

Have a look what the booklet for
XYZ(24.2250, 28.8431, 29.4898)
contains.

XYZ(24.2250, 28.8431, 29.4898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2250, 28.8431,
29.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	7A998D
RGB	122, 153, 141
RGB Percent	48%, 60%, 55%
CMY	0.5216, 0.4000, 0.4471
CMYK	0.20, 0.00, 0.08, 0.40
HSL	157°, 13%, 54%
HSV	157°, 20%, 60%
XYZ	24.2250, 28.8431, 29.4898
YIQ	142.3630, -14.6240, -10.3040

Conversions

Conversions Part 2

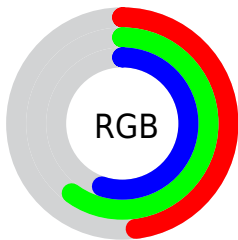
Format	Color
R_{YB}	122, 141, 153
Decimal	8034701
CIE _{Lab}	60.64, -13.34, 2.74
CIE _{LCh}	61, 13.622, 168.383
Yxy	28.8431, 0.2934, 0.3494
Android (android.graphics.Color)	4286224781 (0xFF7A998D)
YUV	142.3630, -0.6720, -17.8584
Hunter-Lab	53.7058, -13.4693, 5.0379

Details

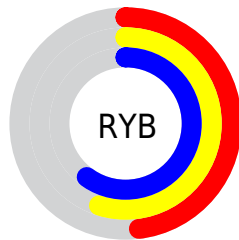
The XYZ color **24.2250, 28.8431, 29.4898** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4005, 22.4134, 25.5957**, and the grayscale version is **25.8623, 27.2092, 29.6308**.

A 20% lighter version of the original color is **49.8423, 57.6797, 60.1361**, and **9.3874, 11.6745, 11.6562** is the 20% darker color. If you saturate the color by 10%, you get **21.7979, 27.6423, 27.1370**, and if you desaturate by 10%, it is **27.0184, 30.2316, 31.9840**.

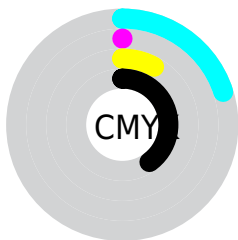
Distribution



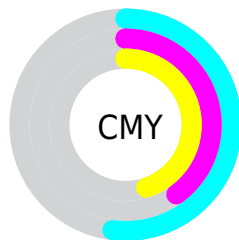
- Red (48%)
- Green (60%)
- Blue (55%)



- Red (48%)
- Yellow (55%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2250, 28.8431, 29.4898 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 24.2250, 28.8431, 29.4898 by changing the saturation by 10% instead.

■ 24.2250, 28.8431,
29.4898

■ 24.2250, 28.8431,
29.4898

266.3754,
296.4739, 313.6519

■ 15.6262, 18.9622,
19.2029

■ 49.8491, 57.8277,
59.9058

■ 9.3492, 11.6429,
11.6387

■ 67.6052, 77.7002,
80.8720

■ 5.0286, 6.5010,
6.3786

■ 89.1445, 101.6719,
106.2351

■ 2.2990, 3.1521,
3.0042

114.8322,
130.1274, 136.4135

■ 0.7941, 1.2116,
1.0968

145.0338,
163.4509, 171.8259

■ 0.0000, 0.0712,
0.0000

180.1147,

■ 0.0000, 0.0000,

202.0269, 212.8907

0.0000

220.4401,
246.2398, 260.0266

■ 24.2250, 28.8431,
29.4898

■ 24.2250, 28.8431,
29.4898

■ 21.7979, 27.6423,
27.1370

■ 27.0184, 30.2316,
31.9840

■ 19.7185, 26.6172,
24.9211

■ 30.1909, 31.8120,
34.6203

■ 17.9699, 25.7600,
22.8399

■ 33.7576, 33.5929,
37.4018

■ 16.5330, 25.0609,
20.8905

■ 37.7322, 35.5812,
40.3309

■ 15.3865, 24.5090,
19.0699

■ 42.1276, 37.7835,
43.4100

■ 14.5066, 24.0920,
17.3748

■ 46.9561, 40.2061,
46.6414

■ 13.8650, 23.7954,
15.8018

■ 52.2296, 42.8552,
50.0272

■ 13.4018, 23.5875,
14.3821

■ 57.9593, 45.7365,
53.5698

■ 62.4044, 47.9525,
57.1891

Harmonies

Analogous

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



24.9565, 28.8431, 25.3863



24.2250, 28.8431, 29.4898



24.3205, 28.8431, 34.5690

Triad

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



24.2250, 28.8431, 29.4898



28.4980, 28.8431, 41.5532



29.7291, 28.8431, 24.6893

Complementary

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



24.2250, 28.8431, 29.4898



24.4005, 22.4134, 25.5957

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.



30.7603, 28.8431, 28.4407



24.2250, 28.8431, 29.4898



30.0288, 28.8431, 38.3075

Square

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



24.2250, 28.8431, 29.4898



26.7373, 28.8431, 41.9118



30.8723, 28.8431, 33.4019



28.1031, 28.8431, 22.8200

Rectangle

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



24.2250, 28.8431, 29.4898



24.8411, 28.8431, 37.8302



30.8723, 28.8431, 33.4019



30.1597, 28.8431, 25.7523

Sweetspot

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



24.2258, 28.8443, 29.4904



50.6547, 55.2690, 59.2021



24.8004, 29.2901, 22.7593



11.1134, 12.1682, 13.0124



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2258, 28.8443, 29.4904



41.4744, 50.7083, 51.0062



24.6672, 28.2194, 34.2851



6.2832, 6.9860, 7.4146



11.0925, 19.5005, 11.9737



0.1836, 0.2986, 0.2724

Inverse Universe

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



24.4005, 22.4134, 25.5957



41.8418, 37.2033, 42.8298



23.9969, 22.8708, 21.5626



6.3028, 6.2603, 6.9749



11.5302, 5.8663, 4.0512



0.1894, 0.0945, 0.1500

Previews

White Background



This preview shows how the XYZ color 24.2250, 28.8431, 29.4898 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 24.2250, 28.8431, 29.4898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

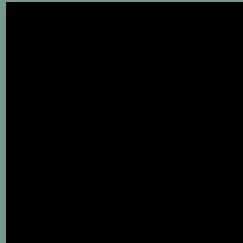
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2250, 28.8431, 29.4898

Background



This preview shows how black text looks on a background with the XYZ color 24.2250, 28.8431, 29.4898.

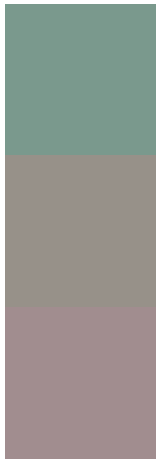


This preview shows how white text looks on a background with the XYZ color 24.2250, 28.8431,

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

24.2250, 28.8431, 29.4898

Protanopia

27.4033, 28.6363, 27.7500

Deuteranopia

29.1807, 28.6100, 29.9709



Tritanopia

26.0321, 28.8569, 38.3803

Trichromacy



Original Color

24.2250, 28.8431, 29.4898

Protanomaly

25.9926, 28.5902, 28.1933

Deuteranomaly

27.0405, 28.4068, 29.6491

Tritanomaly

25.3568, 28.8263, 34.7994

Monochromacy



Original Color

24.2250, 28.8431, 29.4898

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1530, 27.6617, 29.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2250, 28.8431, 29.4898 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(122, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 141)  
}
```

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(122, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.2250, 28.8431, 29.4898 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(122, 153, 141) }
```


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

```
.border{ border-color:rgb(122, 153, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2250, 28.8431, 29.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 141) }
```

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

```
.background{ background-color: rgb(122,  
153, 141) }
```

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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