

Converting Colors

XYZ(24.3748, 28.9105, 29.9681)

Have a look what the booklet for
XYZ(24.3748, 28.9105, 29.9681)
contains.

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Color

**XYZ(24.2998, 28.8730,
29.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	7A998E
RGB	122, 153, 142
RGB Percent	48%, 60%, 56%
CMY	0.5216, 0.4000, 0.4431
CMYK	0.20, 0.00, 0.07, 0.40
HSL	159°, 13%, 54%
HSV	159°, 20%, 60%
XYZ	24.2998, 28.8730, 29.8835
YIQ	142.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

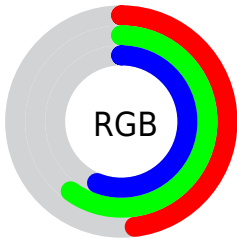
Format	Color
R_{YB}	122, 141, 153
Decimal	8034702
CIE Lab	60.67, -13.13, 2.22
CIE LCh	61, 13.317, 170.424
Yxy	28.8730, 0.2926, 0.3476
Android (android.graphics.Color)	4286224782 (0xFF7A998E)
YUV	142.4770, -0.2352, -17.9583
Hunter-Lab	53.7336, -13.3112, 4.6399

Details

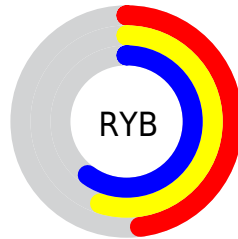
The XYZ color **24.2998, 28.8730, 29.8835** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3311, 22.3857, 25.2302**, and the grayscale version is **25.9060, 27.2551, 29.6809**.

A 20% lighter version of the original color is **49.9558, 57.7251, 60.7337**, and **9.4308, 11.6919, 11.8849** is the 20% darker color. If you saturate the color by 10%, you get **21.9040, 27.6847, 27.6952**, and if you desaturate by 10%, it is **27.0582, 30.2475, 32.1937**.

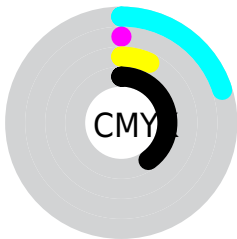
Distribution



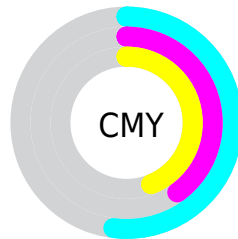
- Red (48%)
- Green (60%)
- Blue (56%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2998, 28.8730, 29.8835 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 24.2998, 28.8730, 29.8835 by changing the saturation by 10% instead.

■ 24.2998, 28.8730,
29.8835

■ 24.2998, 28.8730,
29.8835

266.7451,
296.6153, 315.5514

■ 15.6821, 18.9848,
19.4989

■ 49.9701, 57.8752,
60.5367

■ 9.3889, 11.6593,
11.8509

■ 67.7534, 77.7581,
81.6424

■ 5.0548, 6.5121,
6.5209

■ 89.3227, 101.7412,
107.1588

■ 2.3146, 3.1589,
3.0905

115.0432,
130.2090, 137.5046

■ 0.8021, 1.2152,
1.1410

145.2803,
163.5459, 173.0982

■ 0.0000, 0.0741,
0.0000

180.3995,

■ 0.0000, 0.0000,

202.1363, 214.3582

0.0000

220.7659,
246.3647, 261.7031

■ 24.2998, 28.8730,
29.8835

■ 24.2998, 28.8730,
29.8835

■ 21.9040, 27.6847,
27.6952

■ 27.0582, 30.2475,
32.1937

■ 19.8521, 26.6706,
25.6246

■ 30.1920, 31.8125,
34.6259

■ 18.1276, 25.8230,
23.6701

■ 33.7161, 33.5763,
37.1830

■ 16.7112, 25.1322,
21.8293

■ 37.6442, 35.5459,
39.8668

■ 15.5821, 24.5872,
20.0995

■ 41.9889, 37.7280,
42.6794

■ 14.7161, 24.1757,
18.4782

■ 46.7627, 40.1288,
45.6226

■ 14.0854, 23.8835,
16.9622

■ 51.9773, 42.7543,
48.6984

■ 13.6297, 23.6787,
15.5825

■ 57.6439, 45.6104,
51.9084

■ 62.0214, 47.7993,
55.1725

Harmonies

Analogous

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



24.9644, 28.8730, 25.7646



24.2998, 28.8730, 29.8835



24.4498, 28.8730, 34.8714

Triad

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



24.2998, 28.8730, 29.8835



28.6170, 28.8730, 41.2090



29.6113, 28.8730, 24.6683

Complementary

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



24.2998, 28.8730, 29.8835



24.3311, 22.3857, 25.2302

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.



30.6709, 28.8730, 28.2373



24.2998, 28.8730, 29.8835



30.0803, 28.8730, 37.8880

Square

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



24.2998, 28.8730, 29.8835



26.8947, 28.8730, 41.7683



30.8460, 28.8730, 33.0451



27.9985, 28.8730, 22.9687

Rectangle

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



24.2998, 28.8730, 29.8835



24.9940, 28.8730, 38.0101



30.8460, 28.8730, 33.0451



30.0468, 28.8730, 25.6704

Sweetspot

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



24.3006, 28.8742, 29.8841



50.6981, 55.2863, 59.4305



24.6359, 29.2053, 22.7517



11.1239, 12.1724, 13.0675



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.



24.3006, 28.8742, 29.8841



41.6327, 50.7716, 51.8395



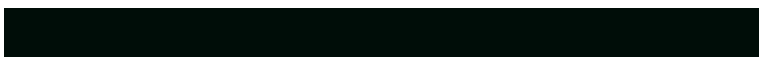
24.5031, 27.8914, 34.2304



6.2914, 6.9893, 7.4581



11.2805, 19.5757, 12.9636



0.1858, 0.2995, 0.2842

Inverse Universe

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



24.3311, 22.3857, 25.2302



41.6973, 37.1455, 42.0691



24.1286, 23.1341, 21.6066



6.2948, 6.2571, 6.9327



11.4282, 5.8255, 3.5141



0.1871, 0.0936, 0.1381

Previews

White Background



This preview shows how the XYZ color 24.2998, 28.8730, 29.8835 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 24.2998, 28.8730, 29.8835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

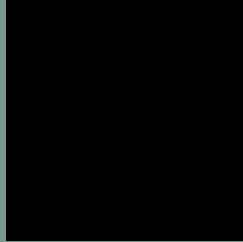
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2998, 28.8730, 29.8835

Background



This preview shows how black text looks on a background with the XYZ color 24.2998, 28.8730, 29.8835.



This preview shows how white text looks on a background with the XYZ color 24.2998, 28.8730,

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

24.2998, 28.8730, 29.8835

Protanopia

27.2905, 28.5698, 28.1209

Deuteranopia

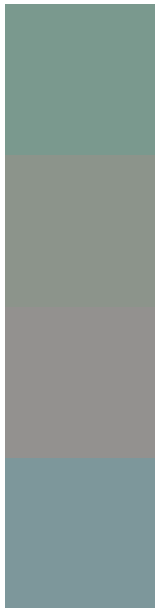
29.2569, 28.6404, 30.3717



Tritanopia

26.0321, 28.8569, 38.3803

Trichromacy



Original Color

24.2998, 28.8730, 29.8835

Protanomaly

26.0653, 28.6193, 28.5764

Deuteranomaly

27.1159, 28.4370, 30.0463

Tritanomaly

25.4405, 28.8597, 35.2400

Monochromacy



Original Color

24.2998, 28.8730, 29.8835

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 24.2998, 28.8730, 29.8835 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.2998, 28.8730, 29.8835 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, 142) }
```


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

```
.border{ border-color:rgb(122, 153, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2998, 28.8730, 29.8835 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, 142) }
```

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

```
.background{ background-color: rgb(122,  
153, 142) }
```

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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