

Converting Colors

XYZ(24.8918, 25.8831, 33.3898)

Have a look what the booklet for
XYZ(24.8918, 25.8831, 33.3898)
contains.

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Color

**XYZ(24.8918, 25.8831,
33.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	878B98
RGB	135, 139, 152
RGB Percent	53%, 55%, 60%
CMY	0.4706, 0.4549, 0.4039
CMYK	0.11, 0.09, 0.00, 0.40
HSL	226°, 8%, 56%
HSV	226°, 11%, 60%
XYZ	24.8918, 25.8831, 33.3898
YIQ	139.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

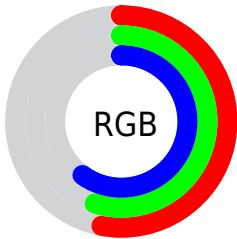
Format	Color
R_{YB}	135, 138, 152
Decimal	8883096
CIE Lab	57.93, 1.25, -7.41
CIE LCh	58, 7.516, 279.575
Yxy	25.8831, 0.2958, 0.3075
Android (android.graphics.Color)	4287073176 (0xFF878B98)
YUV	139.2860, 6.2680, -3.7588
Hunter-Lab	50.8754, -1.6974, -3.2995

Details

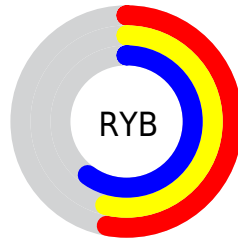
The XYZ color **24.8918, 25.8831, 33.3898** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9122, 29.6045, 27.1653**, and the grayscale version is **24.6298, 25.9125, 28.2187**.

A 20% lighter version of the original color is **50.7293, 52.8469, 65.9193**, and **9.6677, 10.0156, 13.7356** is the 20% darker color. If you saturate the color by 10%, you get **21.0245, 21.5233, 32.7525**, and if you desaturate by 10%, it is **29.2888, 30.7830, 34.1042**.

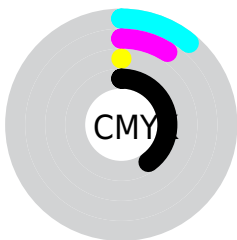
Distribution



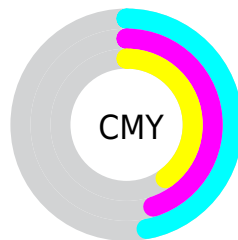
- Red (53%)
- Green (55%)
- Blue (60%)



- Red (53%)
- Yellow (54%)
- Blue (60%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8918, 25.8831, 33.3898 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 24.8918, 25.8831, 33.3898 by changing the saturation by 10% instead.

■ 24.8918, 25.8831,
33.3898

■ 24.8918, 25.8831,
33.3898

269.6563,
282.2078, 332.0883

■ 16.1248, 16.7362,
22.1517

■ 50.9258, 53.0863,
66.1066

■ 9.7039, 10.0466,
13.7690

■ 68.9235, 71.9114,
88.4224

■ 5.2638, 5.4299,
7.8233

■ 90.7287, 94.7313,
115.2678

■ 2.4392, 2.5016,
3.8959

116.7069,
121.9305, 147.0614

■ 0.8647, 0.8774,
1.5684

147.2234,
153.8934, 184.2217

■ 0.0000, 0.0000,
0.2681

182.6436,

■ 0.0000, 0.0000,

191.0043, 227.1673

0.0000

223.3327,
233.6476, 276.3166

■ 24.8918, 25.8831,
33.3898

■ 24.8918, 25.8831,
33.3898

■ 21.0245, 21.5233,
32.7525

■ 29.2888, 30.7830,
34.1042

■ 17.6642, 17.6815,
32.1881

■ 34.2323, 36.2374,
34.8965

■ 14.7901, 14.3390,
31.6944

■ 39.7412, 42.2644,
35.7695

■ 12.3790, 11.4746,
31.2686

■ 45.8330, 48.8802,
36.7254

■ 10.4057, 9.0658,
30.9076

■ 52.5242, 56.1004,
37.7663

■ 8.8425, 7.0877,
30.6082

■ 59.8307, 63.9399,
38.8944

■ 7.6584, 5.5132,
30.3667

■ 67.7679, 72.4132,
40.1116

■ 6.8175, 4.3117,
30.1791

■ 75.7586, 81.2290,
41.3921

■ 6.2918, 3.5155,
30.0531

■ 79.1387, 87.9893,
42.5188

Harmonies

Analogous

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



23.9986, 25.8831, 33.1173



24.8918, 25.8831, 33.3898



25.7269, 25.8831, 32.2025

Triad

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



24.8918, 25.8831, 33.3898



25.9675, 25.8831, 25.1239



23.0055, 25.8831, 26.4780

Complementary

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



24.8918, 25.8831, 33.3898



27.9122, 29.6045, 27.1653

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.



23.5087, 25.8831, 24.5115



24.8918, 25.8831, 33.3898



25.2136, 25.8831, 23.7636

Square

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



24.8918, 25.8831, 33.3898



26.3579, 25.8831, 27.3611



24.3127, 25.8831, 23.5465



22.9242, 25.8831, 29.0197

Rectangle

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



24.8918, 25.8831, 33.3898



26.1329, 25.8831, 30.7832



24.3127, 25.8831, 23.5465



23.1303, 25.8831, 25.7322

Sweetspot

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



24.8926, 25.8842, 33.3904



50.1697, 52.6396, 59.9499



26.5459, 29.7381, 32.2547



11.2624, 11.8082, 13.6031



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.



24.8926, 25.8842, 33.3904



42.4493, 44.0181, 58.6927



25.0213, 25.1060, 33.2334



5.9967, 6.2507, 7.8194



5.2963, 2.9893, 25.2055



0.1036, 0.0936, 0.3850

Inverse Universe

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



26.2737, 25.8680, 28.0355



45.3051, 44.0100, 47.6147



27.7695, 30.4788, 27.3416



6.2654, 6.2453, 6.7779



11.1321, 5.7071, 1.9547



0.1788, 0.0903, 0.0942

Previews

White Background



This preview shows how the XYZ color 24.8918, 25.8831, 33.3898 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 24.8918, 25.8831, 33.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

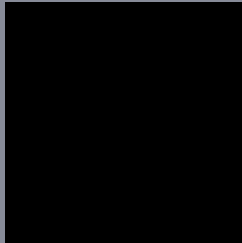
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

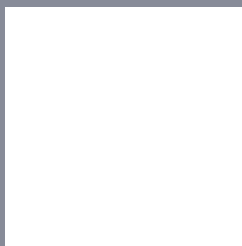
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8918, 25.8831, 33.3898

Background



This preview shows how black text looks on a background with the XYZ color 24.8918, 25.8831, 33.3898.

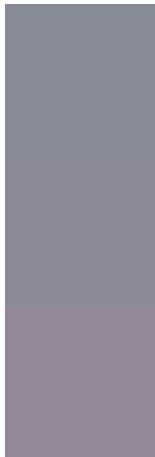


This preview shows how white text looks on a background with the XYZ color 24.8918, 25.8831,

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

24.8918, 25.8831, 33.3898

Protanopia

25.1556, 25.8146, 32.9350

Deuteranopia

26.2678, 25.7388, 33.7206



Tritanopia

24.7293, 25.8181, 32.5342

Trichromacy



Original Color

24.8918, 25.8831, 33.3898

Protanomaly

24.9909, 25.7297, 32.9273

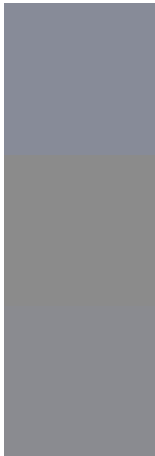
Deuteranomaly

25.7093, 25.6590, 33.7347

Tritanomaly

24.8102, 25.8505, 32.9602

Monochromacy



Original Color

24.8918, 25.8831, 33.3898

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.7479, 25.8821, 30.0770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8918, 25.8831, 33.3898 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(135, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(135, 139, 152)  
}
```

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(135, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 139, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.8918, 25.8831, 33.3898 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(135, 139, 152) }
```


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

```
.border{ border-color:rgb(135, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(135, 139,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8918, 25.8831, 33.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 139, 152) }
```

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

```
.background{ background-color: rgb(135,  
139, 152) }
```

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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