

Converting Colors

XYZ(24.1160, 26.7142, 28.8578)

Have a look what the booklet for
XYZ(24.1160, 26.7142, 28.8578)
contains.

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Color

**XYZ(24.0670, 26.6653,
28.6894)**

Conversions

Conversions Part 1

Format	Color
Hex	83908C
RGB	131, 144, 140
RGB Percent	51%, 56%, 55%
CMY	0.4863, 0.4353, 0.4510
CMYK	0.09, 0.00, 0.03, 0.44
HSL	162°, 6%, 54%
HSV	162°, 9%, 56%
XYZ	24.0670, 26.6653, 28.6894
YIQ	139.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

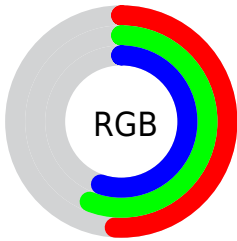
Format	Color
R_{YB}	131, 139, 144
Decimal	8622220
CIE Lab	58.66, -5.50, 0.51
CIE LCh	59, 5.525, 174.690
Yxy	26.6653, 0.3030, 0.3357
Android (android.graphics.Color)	4286812300 (0xFF83908C)
YUV	139.6570, 0.1691, -7.5922
Hunter-Lab	51.6385, -7.1743, 3.2065

Details

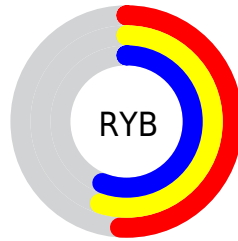
The XYZ color **24.0670, 26.6653, 28.6894** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9921, 23.9119, 26.2740**, and the grayscale version is **24.7960, 26.0874, 28.4091**.

A 20% lighter version of the original color is **49.5869, 54.4288, 58.3444**, and **9.3278, 10.5374, 11.2152** is the 20% darker color. If you saturate the color by 10%, you get **21.6697, 25.4672, 26.9056**, and if you desaturate by 10%, it is **26.7890, 28.0308, 30.5583**.

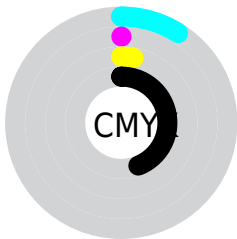
Distribution



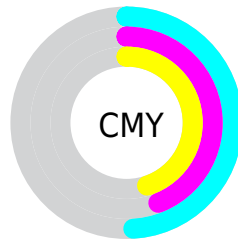
- Red (51%)
- Green (56%)
- Blue (55%)



- Red (51%)
- Yellow (55%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0670, 26.6653, 28.6894 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 24.0670, 26.6653, 28.6894 by changing the saturation by 10% instead.

■ 24.0670, 26.6653,
28.6894

■ 24.0670, 26.6653,
28.6894

265.5932,
286.0329, 309.7616

■ 15.5083, 17.3220,
18.6024

■ 49.5934, 54.3463,
58.6195

■ 9.2655, 10.4643,
11.2095

■ 67.2918, 73.4528,
79.2998

■ 4.9733, 5.7079,
6.0920

■ 88.7676, 96.5825,
104.3482

■ 2.2662, 2.6683,
2.8314

114.3860,
124.1198, 134.1833

■ 0.7773, 0.9611,
1.0092

144.5124,
156.4491, 169.2236

■ 0.0000, 0.0000,
0.0000

179.5121,

193.9548, 209.8878

219.7506,
237.0213, 256.5942

■ 24.0670, 26.6653,
28.6894

■ 24.0670, 26.6653,
28.6894

■ 21.6697, 25.4672,
26.9056

■ 26.7890, 28.0308,
30.5583

■ 19.5820, 24.4264,
25.2036

■ 29.8456, 29.5664,
32.5118

■ 17.7908, 23.5371,
23.5827

■ 33.2490, 31.2793,
34.5518

■ 16.2815, 22.7915,
22.0413

■ 37.0101, 33.1750,
36.6797

■ 15.0377, 22.1815,
20.5778

■ 41.1394, 35.2590,
38.8966

■ 14.0419, 21.6978,
19.1905

■ 45.6470, 37.5363,
41.2038

■ 13.2738, 21.3301,
17.8776

■ 50.5424, 40.0119,
43.6024

■ 12.7102, 21.0664,
16.6371

■ 55.8348, 42.6907,
46.0935

■ 12.2967, 20.8787,
15.4655

■ 59.4414, 44.4986,
48.5805

Harmonies

Analogous

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



24.2943, 26.6653, 26.9265



24.0670, 26.6653, 28.6894



24.1770, 26.6653, 30.6236

Triad

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



24.0670, 26.6653, 28.6894



25.8937, 26.6653, 32.5646



26.1065, 26.6653, 26.0891

Complementary

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



24.0670, 26.6653, 28.6894



23.9921, 23.9119, 26.2740

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.



26.5491, 26.6653, 27.5003



24.0670, 26.6653, 28.6894



26.4247, 26.6653, 31.2487

Square

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



24.0670, 26.6653, 28.6894



25.2240, 26.6653, 32.9174



26.6666, 26.6653, 29.3813



25.4656, 26.6653, 25.4687

Rectangle

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



24.0670, 26.6653, 28.6894



24.4279, 26.6653, 31.7431



26.6666, 26.6653, 29.3813



26.2839, 26.6653, 26.4836

Sweetspot

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



24.0678, 26.6664, 28.6900



45.2418, 48.4312, 52.5483



24.0814, 26.7470, 25.3667



10.2907, 11.0641, 11.9929



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.



24.0678, 26.6664, 28.6900



41.4707, 46.5418, 49.8960



24.0111, 26.0721, 30.1538



5.4905, 6.0884, 6.5490



10.6851, 18.1699, 13.4276



0.1120, 0.1777, 0.1804

Inverse Universe

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



23.9921, 23.9119, 26.2740



41.3072, 40.5894, 44.6754



24.0394, 24.4490, 24.9253



5.4730, 5.4497, 5.9888



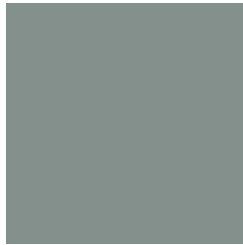
10.4267, 5.3277, 2.6321



0.1087, 0.0545, 0.0724

Previews

White Background



This preview shows how the XYZ color 24.0670, 26.6653, 28.6894 looks on a white background.

Color Contrast Check

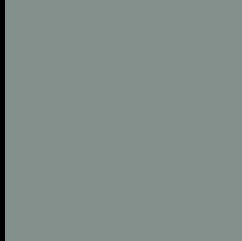
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0670, 26.6653, 28.6894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

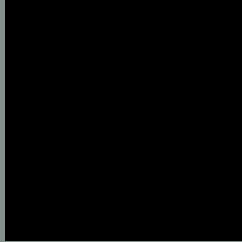
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0670, 26.6653, 28.6894

Background



This preview shows how black text looks on a background with the XYZ color 24.0670, 26.6653, 28.6894.



This preview shows how white text looks on a background with the XYZ color 24.0670, 26.6653,

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

24.0670, 26.6653, 28.6894

Protanopia

25.4671, 26.5204, 27.8215

Deuteranopia

27.0131, 26.4313, 29.2692



Tritanopia

25.0956, 26.6325, 33.9549

Trichromacy



Original Color

24.0670, 26.6653, 28.6894

Protanomaly

24.8325, 26.4028, 28.2135

Deuteranomaly

25.8944, 26.4993, 28.9494

Tritanomaly

24.6835, 26.6886, 31.8674

Monochromacy



Original Color

24.0670, 26.6653, 28.6894

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5750, 26.2616, 28.5847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0670, 26.6653, 28.6894 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(131, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(131, 144, 140)  
}
```

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(131, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 144, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.0670, 26.6653, 28.6894 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(131, 144, 140) }
```


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

```
.border{ border-color:rgb(131, 144, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 144, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(131, 144,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0670, 26.6653, 28.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 144, 140) }
```

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

```
.background{ background-color: rgb(131,  
144, 140) }
```

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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