

Converting Colors

XYZ(24.8056, 26.3407, 27.4441)

Have a look what the booklet for
XYZ(24.8056, 26.3407, 27.4441)
contains.

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Color

**XYZ(24.8555, 26.4313,
27.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8D89
RGB	140, 141, 137
RGB Percent	55%, 55%, 54%
CMY	0.4510, 0.4470, 0.4627
CMYK	0.01, 0.00, 0.03, 0.45
HSL	75°, 2%, 55%
HSV	75°, 3%, 55%
XYZ	24.8555, 26.4313, 27.4586
YIQ	140.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

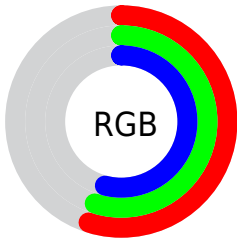
Format	Color
R_{YB}	137, 141, 138
Decimal	9211273
CIE Lab	58.44, -1.14, 1.99
CIE LCh	58, 2.297, 119.743
Yxy	26.4313, 0.3156, 0.3357
Android (android.graphics.Color)	4287401353 (0xFF8C8D89)
YUV	140.2450, -1.5998, -0.2149
Hunter-Lab	51.4114, -3.6718, 4.3214

Details

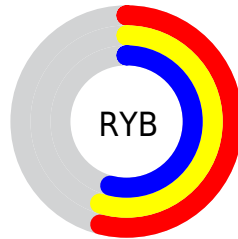
The XYZ color **24.8555, 26.4313, 27.4586** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2354, 25.2183, 28.7908**, and the grayscale version is **25.0290, 26.3324, 28.6760**.

A 20% lighter version of the original color is **51.0575, 54.2173, 56.4892**, and **9.6778, 10.3440, 10.5033** is the 20% darker color. If you saturate the color by 10%, you get **23.3245, 25.7522, 22.4476**, and if you desaturate by 10%, it is **26.5392, 27.1754, 33.1679**.

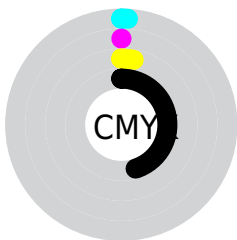
Distribution



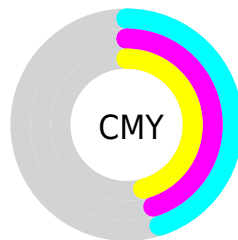
- Red (55%)
- Green (55%)
- Blue (54%)



- Red (54%)
- Yellow (55%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8555, 26.4313, 27.4586 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 24.8555, 26.4313, 27.4586 by changing the saturation by 10% instead.

■ 24.8555, 26.4313,
27.4586

■ 24.8555, 26.4313,
27.4586

269.4785,
284.8929, 303.7009

■ 16.0976, 17.1466,
17.6825

■ 50.8673, 53.9699,
56.6316

■ 9.6845, 10.3391,
10.5552

■ 68.8519, 72.9926,
76.8655

■ 5.2509, 5.6243,
5.6582

■ 90.6427, 96.0301,
101.4224

■ 2.4315, 2.6180,
2.5730

116.6052,
123.4667, 130.7208

■ 0.8608, 0.9357,
0.8785

147.1047,
155.6869, 165.1794

■ 0.0000, 0.0000,
0.0000

182.5065,

193.0751, 205.2165

223.1760,
236.0156, 251.2509

■ 24.8555, 26.4313,
27.4586

■ 24.8555, 26.4313,
27.4586

■ 23.3245, 25.7522,
22.4476

■ 26.5392, 27.1754,
33.1679

■ 21.9389, 25.1325,
18.1065

■ 28.3785, 27.9832,
39.5992

■ 20.6936, 24.5711,
14.4071

■ 30.3789, 28.8576,
46.7770

■ 19.5829, 24.0657,
11.3191

■ 32.5447, 29.8005,
54.7244

■ 18.6001, 23.6136,
8.8093

■ 34.8805, 30.8136,
63.4633

■ 17.7383, 23.2120,
6.8416

■ 37.3903, 31.8987,
73.0149

■ 16.9896, 22.8577,
5.3756

■ 40.0782, 33.0573,
83.3993

■ 16.3451, 22.5471,
4.3656

■ 42.9481, 34.2910,
94.6362

■ 15.7943, 22.2761,
3.7572

■ 44.5365, 35.0145,
99.0189

Harmonies

Analogous

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



25.1246, 26.4313, 27.2618



24.8555, 26.4313, 27.4586



24.6591, 26.4313, 28.0078

Triad

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



24.8555, 26.4313, 27.4586



24.8513, 26.4313, 30.1343



25.6654, 26.4313, 28.7861

Complementary

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



24.8555, 26.4313, 27.4586



24.2354, 25.2183, 28.7908

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.



25.5910, 26.4313, 29.5646



24.8555, 26.4313, 27.4586



25.1197, 26.4313, 30.3518

Square

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



24.8555, 26.4313, 27.4586



24.6567, 26.4313, 29.5524



25.3907, 26.4313, 30.1415



25.5934, 26.4313, 28.0196

Rectangle

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



24.8555, 26.4313, 27.4586



24.5951, 26.4313, 28.5050



25.3907, 26.4313, 30.1415



25.6567, 26.4313, 29.0552

Sweetspot

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



24.8562, 26.4324, 27.4592



45.0385, 47.5672, 50.9358



24.5892, 25.6466, 27.3216



10.0639, 10.6262, 11.3915



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.



24.8562, 26.4324, 27.4592



44.4464, 47.3051, 48.9562



24.5223, 26.2603, 27.4435



5.9143, 6.3093, 6.4624



14.0882, 20.1553, 3.1478



0.1548, 0.2031, 0.0310

Inverse Universe

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



24.2354, 25.2183, 28.7908



43.2479, 44.9612, 51.5268



24.5694, 25.3904, 28.8064



5.7230, 5.9351, 6.8727



5.0377, 2.0906, 23.1151



0.0659, 0.0291, 0.2218

Previews

White Background



This preview shows how the XYZ color 24.8555, 26.4313, 27.4586 looks on a white background.

Color Contrast Check

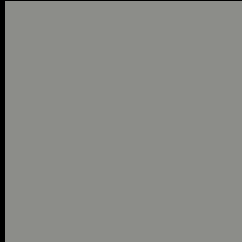
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8555, 26.4313, 27.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

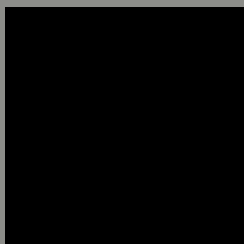
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

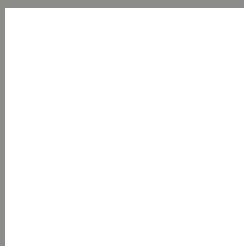
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8555, 26.4313, 27.4586

Background



This preview shows how black text looks on a background with the XYZ color 24.8555, 26.4313, 27.4586.



This preview shows how white text looks on a background with the XYZ color 24.8555, 26.4313, 27.4586.

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

24.8555, 26.4313, 27.4586

Protanopia

25.3236, 26.4630, 27.0657

Deuteranopia

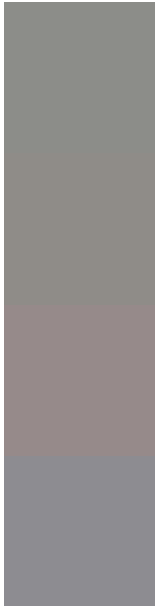
26.9092, 26.4119, 27.7245



Tritanopia

25.8930, 26.4180, 32.5886

Trichromacy



Original Color

24.8555, 26.4313, 27.4586

Protanomaly

25.1497, 26.3734, 27.0576

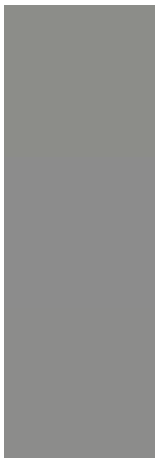
Deuteranomaly

26.2536, 26.4960, 27.7753

Tritanomaly

25.4734, 26.4632, 30.5534

Monochromacy



Original Color

24.8555, 26.4313, 27.4586

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8535, 26.1957, 28.1725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8555, 26.4313, 27.4586 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(140, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 141, 137)  
}
```

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(140, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 141, 137) }
```

Border

The CSS property to change the border of an element to XYZ 24.8555, 26.4313, 27.4586 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(140, 141, 137) }
```


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

```
.border{ border-color:rgb(140, 141, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 141, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 141, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 141,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8555, 26.4313, 27.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 141, 137) }
```

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

```
.background{ background-color: rgb(140,  
141, 137) }
```

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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