

Converting Colors

XYZ(24.1555, 26.4955, 28.2671)

Have a look what the booklet for
XYZ(24.1555, 26.4955, 28.2671)
contains.

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Color

**XYZ(24.1555, 26.4955,
28.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	858F8B
RGB	133, 143, 139
RGB Percent	52%, 56%, 55%
CMY	0.4784, 0.4392, 0.4549
CMYK	0.07, 0.00, 0.03, 0.44
HSL	156°, 4%, 54%
HSV	156°, 7%, 56%
XYZ	24.1555, 26.4955, 28.2671
YIQ	139.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

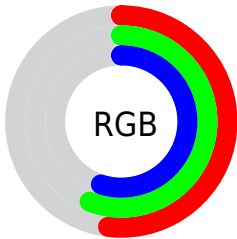
Format	Color
R_{YB}	133, 139, 143
Decimal	8753035
CIE Lab	58.50, -4.43, 0.87
CIE LCh	59, 4.514, 168.891
Yxy	26.4955, 0.3061, 0.3357
Android (android.graphics.Color)	4286943115 (0xFF858F8B)
YUV	139.5540, -0.2731, -5.7479
Hunter-Lab	51.4738, -6.3130, 3.4722

Details

The XYZ color **24.1555, 26.4955, 28.2671** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2315, 24.4215, 27.1048**, and the grayscale version is **24.7573, 26.0466, 28.3647**.

A 20% lighter version of the original color is **49.7304, 54.1774, 57.7054**, and **9.2848, 10.3890, 10.9671** is the 20% darker color. If you saturate the color by 10%, you get **21.6426, 25.2479, 26.0241**, and if you desaturate by 10%, it is **26.9992, 27.9126, 30.6409**.

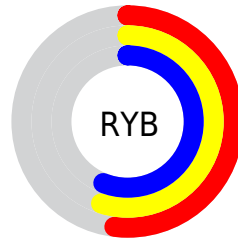
Distribution



Red (52%)

Green (56%)

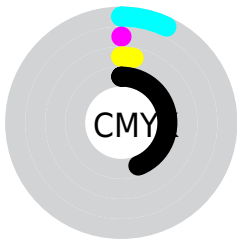
Blue (55%)



Red (52%)

Yellow (55%)

Blue (56%)

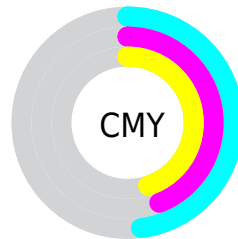


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1555, 26.4955, 28.2671 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 24.1555, 26.4955, 28.2671 by changing the saturation by 10% instead.

■ 24.1555, 26.4955,
28.2671

■ 24.1555, 26.4955,
28.2671

266.0316,
285.2061, 307.6930

■ 15.5744, 17.1947,
18.2863

■ 49.7367, 54.0732,
57.9388

■ 9.3124, 10.3734,
10.9842

■ 67.4674, 73.1190,
78.4668

■ 5.0042, 5.6472,
5.9422

■ 88.9787, 96.1818,
103.3477

■ 2.2845, 2.6318,
2.7417

114.6360,
123.6461, 132.9999

■ 0.7867, 0.9427,
0.9643

144.8046,
155.8963, 167.8419

■ 0.0000, 0.0000,
0.0000

179.8498,

193.3167, 208.2925

220.1370,
236.2919, 254.7700

■ 24.1555, 26.4955,
28.2671

■ 24.1555, 26.4955,
28.2671

■ 21.6426, 25.2479,
26.0241

■ 26.9992, 27.9126,
30.6409

■ 19.4456, 24.1598,
23.9080

■ 30.1834, 29.5020,
33.1460

■ 17.5518, 23.2256,
21.9167

■ 33.7202, 31.2705,
35.7853

■ 15.9465, 22.4378,
20.0480

■ 37.6204, 33.2238,
38.5607

■ 14.6141, 21.7882,
18.2990

■ 41.8945, 35.3671,
41.4745

■ 13.5373, 21.2681,
16.6673

■ 46.5522, 37.7055,
44.5286

■ 12.6965, 20.8674,
15.1497

■ 51.6032, 40.2438,
47.7251

■ 12.0695, 20.5746,
13.7434

■ 57.0566, 42.9869,
51.0657

■ 11.6177, 20.3700,
12.4444

■ 60.4119, 44.6455,
54.4350

Harmonies

Analogous

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



24.3915, 26.4955, 26.8954



24.1555, 26.4955, 28.2671



24.1918, 26.4955, 29.8450

Triad

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



24.1555, 26.4955, 28.2671



25.5285, 26.4955, 31.8232



25.8878, 26.4955, 26.6178

Complementary

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



24.1555, 26.4955, 28.2671



24.2315, 24.4215, 27.1048

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.



26.2013, 26.4955, 27.8756



24.1555, 26.4955, 28.2671



25.9918, 26.4955, 30.8952

Square

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



24.1555, 26.4955, 28.2671



24.9791, 26.4955, 31.9373



26.2396, 26.4955, 29.4390



25.3883, 26.4955, 25.9666

Rectangle

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



24.1555, 26.4955, 28.2671



24.3657, 26.4955, 30.8009



26.2396, 26.4955, 29.4390



26.0188, 26.4955, 26.9816

Sweetspot

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



24.1562, 26.4966, 28.2677



45.7041, 48.6667, 52.6959



24.4008, 26.6720, 26.0528



10.4962, 11.1679, 12.0970



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.



24.1562, 26.4966, 28.2677



42.6991, 47.1711, 50.1367



24.3295, 26.3664, 29.7948



5.4701, 6.0803, 6.4414



10.1728, 17.9650, 10.7302



0.1082, 0.1761, 0.1601

Inverse Universe

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



24.2315, 24.4215, 27.1048



42.8553, 42.8643, 47.7232



24.0642, 24.5379, 25.6586



5.4927, 5.4576, 6.0925



10.6835, 5.4304, 3.9847



0.1125, 0.0561, 0.0928

Previews

White Background



This preview shows how the XYZ color 24.1555, 26.4955, 28.2671 looks on a white background.

Color Contrast Check

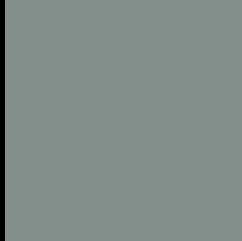
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1555, 26.4955, 28.2671 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

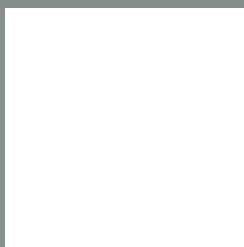
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1555, 26.4955, 28.2671

Background



This preview shows how black text looks on a background with the XYZ color 24.1555, 26.4955, 28.2671.



This preview shows how white text looks on a background with the XYZ color 24.1555, 26.4955,

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

24.1555, 26.4955, 28.2671

Protanopia

25.3950, 26.4916, 27.4418

Deuteranopia

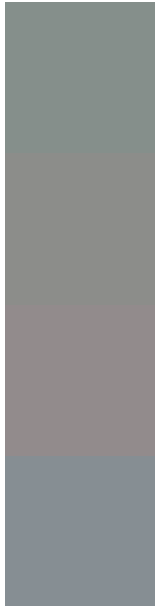
26.8642, 26.3718, 28.4853



Tritanopia

25.1840, 26.4676, 33.4872

Trichromacy



Original Color

24.1555, 26.4955, 28.2671

Protanomaly

24.9275, 26.4602, 27.8383

Deuteranomaly

25.8203, 26.4697, 28.5592

Tritanomaly

24.7710, 26.5209, 31.4172

Monochromacy



Original Color

24.1555, 26.4955, 28.2671

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 24.1555, 26.4955, 28.2671 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(133, 143, 139)` looks like.

```
.text, #text, p{  
    color:rgb(133, 143, 139)  
}
```

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(133, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.1555, 26.4955, 28.2671 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(133, 143, 139) }
```


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

```
.border{ border-color:rgb(133, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1555, 26.4955, 28.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 143, 139) }
```

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

```
.background{ background-color: rgb(133,  
143, 139) }
```

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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