

Converting Colors

XYZ(24.4424, 26.6989, 26.8785)

Have a look what the booklet for
XYZ(24.4424, 26.6989, 26.8785)
contains.

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Color

**XYZ(24.3490, 26.6284,
26.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	888F87
RGB	136, 143, 135
RGB Percent	53%, 56%, 53%
CMY	0.4667, 0.4392, 0.4706
CMYK	0.05, 0.00, 0.06, 0.44
HSL	113°, 3%, 55%
HSV	113°, 6%, 56%
XYZ	24.3490, 26.6284, 26.7781
YIQ	139.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

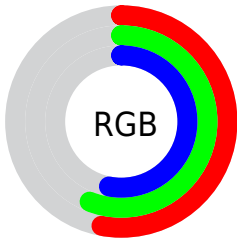
Format	Color
RYB	135, 143, 142
Decimal	8949639
CIELab	58.63, -4.12, 3.36
CIElCh	59, 5.321, 140.773
Yxy	26.6284, 0.3131, 0.3425
Android (android.graphics.Color)	4287139719 (0xFF888F87)
YUV	139.9950, -2.4625, -3.5036
Hunter-Lab	51.6027, -6.0786, 5.3546

Details

The XYZ color **24.3490, 26.6284, 26.7781** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7781, 25.0625, 29.5195**, and the grayscale version is **24.9356, 26.2342, 28.5691**.

A 20% lighter version of the original color is **50.0296, 54.3822, 55.4369**, and **9.3918, 10.4630, 10.1189** is the 20% darker color. If you saturate the color by 10%, you get **21.4942, 25.2661, 21.7370**, and if you desaturate by 10%, it is **27.5778, 28.1694, 32.5438**.

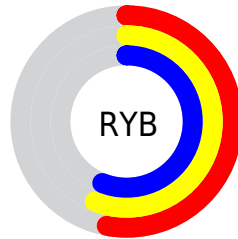
Distribution



Red (53%)

Green (56%)

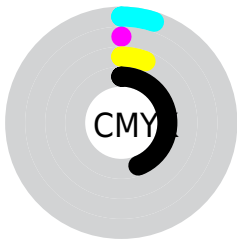
Blue (53%)



Red (53%)

Yellow (56%)

Blue (56%)

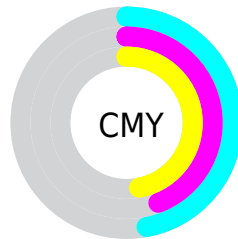


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3490, 26.6284, 26.7781 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 24.3490, 26.6284, 26.7781 by changing the saturation by 10% instead.

■ 24.3490, 26.6284,
26.7781

■ 24.3490, 26.6284,
26.7781

266.9880,
285.8534, 300.3072

■ 15.7188, 17.2943,
17.1757

■ 50.0497, 54.2870,
55.5270

■ 9.4150, 10.4446,
10.1965

■ 67.8509, 73.3803,
75.5105

■ 5.0721, 5.6947,
5.4222

■ 89.4398, 96.4955,
99.7915

■ 2.3248, 2.6603,
2.4340

115.1819,
124.0170, 128.7885

■ 0.8073, 0.9571,
0.8049

145.4424,
156.3291, 162.9200

■ 0.0000, 0.0000,
0.0000

180.5866,

193.8163, 202.6046

220.9801,
236.8629, 248.2608

■ 24.3490, 26.6284,
26.7781

■ 24.3490, 26.6284,
26.7781

■ 21.4942, 25.2661,
21.7370

■ 27.5778, 28.1694,
32.5438

■ 18.9978, 24.0728,
17.3903

■ 31.1912, 29.8917,
39.0594

■ 16.8462, 23.0429,
13.7080

■ 35.2021, 31.8022,
46.3510

■ 15.0241, 22.1692,
10.6574

■ 39.6223, 33.9063,
54.4430

■ 13.5151, 21.4440,
8.2029

■ 44.4627, 36.2093,
63.3588

■ 12.3014, 20.8590,
6.3057

■ 49.7342, 38.7163,
73.1207

■ 11.3633, 20.4051,
4.9219

■ 55.4471, 41.4320,
83.7503

■ 10.6786, 20.0718,
4.0015

■ 61.6113, 44.3613,
95.2682

■ 10.2197, 19.8465,
3.4730

■ 66.8033, 46.9352,
100.1462

Harmonies

Analogous

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



24.8667, 26.6284, 25.7591



24.3490, 26.6284, 26.7781



24.0899, 26.6284, 28.4209

Triad

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



24.3490, 26.6284, 26.7781



25.1086, 26.6284, 32.6911



26.5020, 26.6284, 27.7367

Complementary

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



24.3490, 26.6284, 26.7781



24.7781, 25.0625, 29.5195

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.



26.5695, 26.6284, 29.5744



24.3490, 26.6284, 26.7781



25.7576, 26.6284, 32.4886

Square

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



24.3490, 26.6284, 26.7781



24.5235, 26.6284, 31.8703



26.2949, 26.6284, 31.3285



26.1121, 26.6284, 26.2958

Rectangle

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



24.3490, 26.6284, 26.7781



24.0956, 26.6284, 29.6713



26.2949, 26.6284, 31.3285



26.5635, 26.6284, 28.3267

Sweetspot

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



24.3497, 26.6295, 26.7787



45.5811, 48.6302, 51.4719



25.3650, 26.9163, 26.7805



10.4698, 11.1601, 11.8340



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.



24.3497, 26.6295, 26.7787



42.7677, 47.2877, 46.4692



24.3975, 26.6300, 27.8744



5.5269, 6.1195, 5.9960



8.9142, 17.4880, 2.9057



0.0950, 0.1722, 0.0282

Inverse Universe

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



24.7781, 25.0625, 29.5195



43.7376, 43.7394, 52.6753



24.7311, 25.0636, 28.3720



5.6558, 5.6479, 6.8208



11.8898, 5.6230, 23.4358



0.1257, 0.0600, 0.2246

Previews

White Background



This preview shows how the XYZ color 24.3490, 26.6284, 26.7781 looks on a white background.

Color Contrast Check

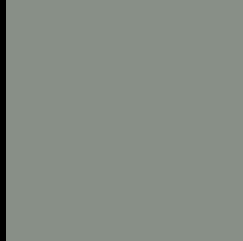
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3490, 26.6284, 26.7781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

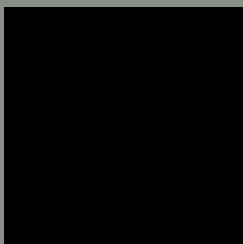
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

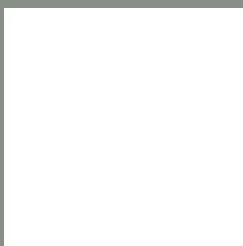
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3490, 26.6284, 26.7781

Background



This preview shows how black text looks on a background with the XYZ color 24.3490, 26.6284, 26.7781.



This preview shows how white text looks on a background with the XYZ color 24.3490, 26.6284,

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

24.3490, 26.6284, 26.7781

Protanopia

25.3582, 26.4971, 26.3322

Deuteranopia

26.9584, 26.4538, 26.9778



Tritanopia

25.8398, 26.8057, 33.5179

Trichromacy



Original Color

24.3490, 26.6284, 26.7781

Protanomaly

24.9833, 26.5218, 26.3567

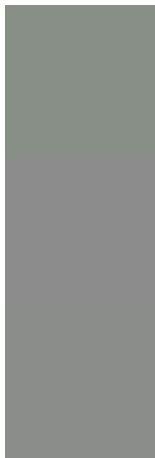
Deuteranomaly

26.0710, 26.6324, 27.0590

Tritanomaly

25.3425, 26.8246, 31.0361

Monochromacy



Original Color

24.3490, 26.6284, 26.7781

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7598, 26.3737, 27.8304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3490, 26.6284, 26.7781 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(136, 143, 135) looks like.

```
.text, #text, p{  
    color:rgb(136, 143, 135)  
}
```

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(136, 143, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 143, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.3490, 26.6284, 26.7781 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(136, 143, 135) }
```


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

```
.border{ border-color:rgb(136, 143, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 143, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 143, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 143, 135);  
box-shadow:4px 4px 4px 4px rgb(136, 143,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3490, 26.6284, 26.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 143, 135) }
```

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

```
.background{ background-color: rgb(136,  
143, 135) }
```

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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