

Converting Colors

XYZ(24.0670, 25.9513, 26.8804)

Have a look what the booklet for
XYZ(24.0670, 25.9513, 26.8804)
contains.

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Color

**XYZ(24.1222, 26.0616,
27.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	888D88
RGB	136, 141, 136
RGB Percent	53%, 55%, 53%
CMY	0.4667, 0.4470, 0.4667
CMYK	0.04, 0.00, 0.04, 0.45
HSL	120°, 2%, 54%
HSV	120°, 4%, 55%
XYZ	24.1222, 26.0616, 27.0516
YIQ	138.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

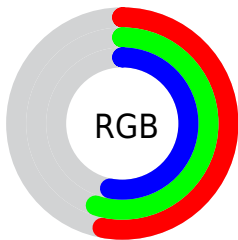
Format	Color
R _Y B	136, 141, 141
Decimal	8949128
CIE Lab	58.10, -2.81, 2.02
CIE LCh	58, 3.463, 144.306
Yxy	26.0616, 0.3123, 0.3374
Android (android.graphics.Color)	4287139208 (0xFF888D88)
YUV	138.9350, -1.4470, -2.5740
Hunter-Lab	51.0506, -4.9944, 4.3177

Details

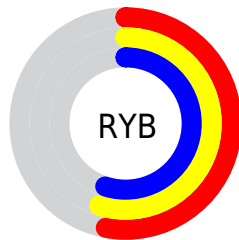
The XYZ color **24.1222, 26.0616, 27.0516** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5974, 25.1949, 28.7673**, and the grayscale version is **24.5220, 25.7991, 28.0952**.

A 20% lighter version of the original color is **49.6867, 53.5232, 55.8563**, and **9.2586, 10.1325, 10.2719** is the 20% darker color. If you saturate the color by 10%, you get **21.0441, 24.5838, 22.0161**, and if you desaturate by 10%, it is **27.6349, 27.7497, 32.7967**.

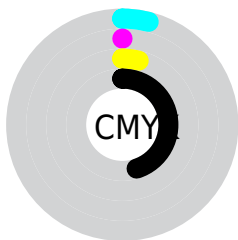
Distribution



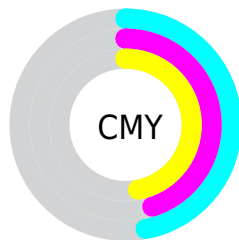
- Red (53%)
- Green (55%)
- Blue (53%)



- Red (53%)
- Yellow (55%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1222, 26.0616, 27.0516 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 24.1222, 26.0616, 27.0516 by changing the saturation by 10% instead.

■ 24.1222, 26.0616,
27.0516

■ 24.1222, 26.0616,
27.0516

265.8667,
283.0843, 301.6749

■ 15.5495, 16.8697,
17.3792

■ 49.6828, 53.3743,
55.9714

■ 9.2948, 10.1417,
10.3404

■ 67.4014, 72.2639,
76.0559

■ 4.9926, 5.4930,
5.5167

■ 88.8993, 95.1549,
100.4481

■ 2.2776, 2.5393,
2.4895

114.5420,
122.4317, 129.5667

■ 0.7832, 0.8963,
0.8346

144.6947,
154.4786, 163.8301

■ 0.0000, 0.0000,
0.0000

179.7228,

191.6801, 203.6570

219.9917,
234.4206, 249.4657

■ 24.1222, 26.0616,
27.0516

■ 24.1222, 26.0616,
27.0516

■ 21.0441, 24.5838,
22.0161

■ 27.6349, 27.7497,
32.7967

■ 18.3816, 23.3049,
17.6612

■ 31.5960, 29.6524,
39.2758

■ 16.1177, 22.2174,
13.9581

■ 36.0212, 31.7780,
46.5140

■ 14.2332, 21.3122,
10.8756

■ 40.9248, 34.1335,
54.5348

■ 12.7072, 20.5792,
8.3797

■ 46.3206, 36.7254,
63.3607

■ 11.5172, 20.0075,
6.4331

■ 52.2218, 39.5600,
73.0132

■ 10.6377, 19.5851,
4.9946

■ 58.6411, 42.6436,
83.5132

■ 10.0399, 19.2979,
4.0168

■ 65.5907, 45.9818,
94.8806

■ 9.6891, 19.1294,
3.4429

■ 68.8154, 47.5308,
100.1551

Harmonies

Analogous

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



24.4406, 26.0616, 26.3253



24.1222, 26.0616, 27.0516



23.9777, 26.0616, 28.1484

Triad

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



24.1222, 26.0616, 27.0516



24.6909, 26.0616, 30.7351



25.5123, 26.0616, 27.4375

Complementary

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



24.1222, 26.0616, 27.0516



24.5974, 25.1949, 28.7673

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.



25.5811, 26.0616, 28.6062



24.1222, 26.0616, 27.0516



25.1039, 26.0616, 30.5318

Square

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



24.1222, 26.0616, 27.0516



24.3037, 26.0616, 30.2921



25.4309, 26.0616, 29.7443



25.2438, 26.0616, 26.5437

Rectangle

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



24.1222, 26.0616, 27.0516



23.9983, 26.0616, 28.9506



25.4309, 26.0616, 29.7443



25.5597, 26.0616, 27.8103

Sweetspot

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



24.1229, 26.0627, 27.0522



44.7123, 47.3990, 50.9205



24.9422, 26.4668, 27.0870



9.9958, 10.5911, 11.3883



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.



24.1229, 26.0627, 27.0522



42.8818, 46.5197, 47.9263



24.2968, 26.1322, 27.9675



5.6890, 6.1956, 6.3377



8.6849, 17.3698, 2.8950



0.0830, 0.1661, 0.0277

Inverse Universe

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



24.5974, 25.1949, 28.7673



43.8569, 44.7361, 51.4513



24.4194, 25.1237, 27.8300



5.8350, 5.9286, 6.8656



14.3996, 6.9168, 23.5532



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 24.1222, 26.0616, 27.0516 looks on a white background.

Color Contrast Check

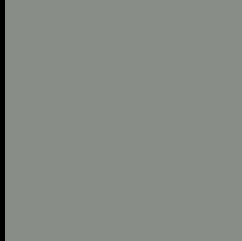
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1222, 26.0616, 27.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

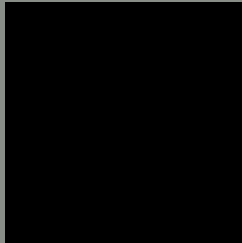
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

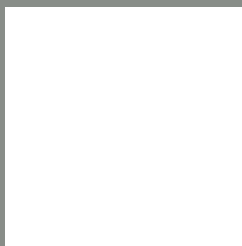
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1222, 26.0616, 27.0516

Background



This preview shows how black text looks on a background with the XYZ color 24.1222, 26.0616, 27.0516.



This preview shows how white text looks on a background with the XYZ color 24.1222, 26.0616,

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

24.1222, 26.0616, 27.0516

Protanopia

24.9335, 26.0541, 26.6365

Deuteranopia

26.5058, 26.0041, 27.2892



Tritanopia

25.2189, 26.0705, 32.5571

Trichromacy



Original Color

24.1222, 26.0616, 27.0516

Protanomaly

24.5665, 26.0809, 26.6610

Deuteranomaly

25.4936, 25.9005, 27.3225

Tritanomaly

24.8054, 26.1189, 30.5221

Monochromacy



Original Color

24.1222, 26.0616, 27.0516

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4468, 25.9944, 27.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1222, 26.0616, 27.0516 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, 141, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 136)  
}
```

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, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.1222, 26.0616, 27.0516 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, 141, 136) }
```


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

```
.border{ border-color:rgb(136, 141, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 141, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 141,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1222, 26.0616, 27.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 136) }
```

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

```
.background{ background-color: rgb(136,  
141, 136) }
```

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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