

Converting Colors

XYZ(24.9487, 26.6663, 27.3025)

Have a look what the booklet for
XYZ(24.9487, 26.6663, 27.3025)
contains.

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Color

**XYZ(24.9322, 26.6990,
27.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8E88
RGB	140, 142, 136
RGB Percent	55%, 56%, 53%
CMY	0.4510, 0.4431, 0.4667
CMYK	0.01, 0.00, 0.04, 0.44
HSL	80°, 3%, 55%
HSV	80°, 4%, 56%
XYZ	24.9322, 26.6990, 27.1319
YIQ	140.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

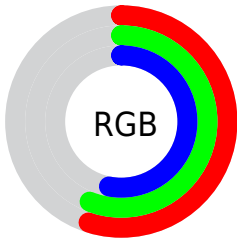
Format	Color
R _Y B	136, 142, 138
Decimal	9211528
CIE Lab	58.69, -1.89, 2.93
CIE LCh	59, 3.486, 122.839
Yxy	26.6990, 0.3165, 0.3390
Android (android.graphics.Color)	4287401608 (0xFF8C8E88)
YUV	140.7180, -2.3260, -0.6297
Hunter-Lab	51.6711, -4.2950, 5.0372

Details

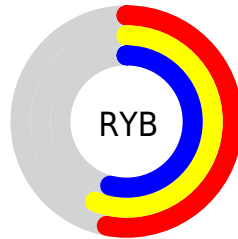
The XYZ color **24.9322, 26.6990, 27.1319** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1688, 24.9652, 29.1374**, and the grayscale version is **25.2163, 26.5295, 28.8906**.

A 20% lighter version of the original color is **51.1734, 54.6233, 55.9903**, and **9.7233, 10.4998, 10.3183** is the 20% darker color. If you saturate the color by 10%, you get **23.2084, 25.9201, 22.1275**, and if you desaturate by 10%, it is **26.8256, 27.5514, 32.8433**.

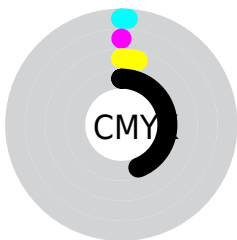
Distribution



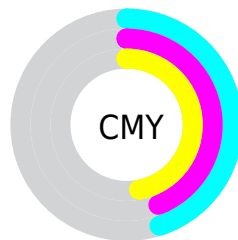
- Red (55%)
- Green (56%)
- Blue (53%)



- Red (53%)
- Yellow (56%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9322, 26.6990, 27.1319 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 24.9322, 26.6990, 27.1319 by changing the saturation by 10% instead.

■ 24.9322, 26.6990,
27.1319

■ 24.9322, 26.6990,
27.1319

269.8540,
286.1968, 302.0755

■ 16.1550, 17.3473,
17.4390

■ 50.9909, 54.4005,
56.1018

■ 9.7255, 10.4824,
10.3827

■ 69.0031, 73.5190,
76.2158

■ 5.2782, 5.7200,
5.5445

■ 90.8244, 96.6620,
100.6406

■ 2.4478, 2.6756,
2.5059

116.8201,
124.2138, 129.7948

■ 0.8690, 0.9648,
0.8433

147.3555,
156.5587, 164.0968

■ 0.0000, 0.0000,
0.0000

182.7961,

194.0813, 203.9653

223.5071,
237.1658, 249.8187

■ 24.9322, 26.6990,
27.1319

■ 24.9322, 26.6990,
27.1319

■ 23.2084, 25.9201,
22.1275

■ 26.8256, 27.5514,
32.8433

■ 21.6463, 25.2090,
17.8010

■ 28.8917, 28.4761,
39.2861

■ 20.2407, 24.5643,
14.1237

■ 31.1364, 29.4762,
46.4855

■ 18.9851, 23.9834,
11.0640

■ 33.5645, 30.5539,
54.4650

■ 17.8727, 23.4636,
8.5879

■ 36.1807, 31.7109,
63.2471

■ 16.8959, 23.0017,
6.6581

■ 38.9895, 32.9492,
72.8534

■ 16.0462, 22.5944,
5.2328

■ 41.9952, 34.2704,
83.3046

■ 15.3143, 22.2377,
4.2645

■ 45.2019, 35.6764,
94.6208

■ 14.6882, 21.9270,
3.6936

■ 47.1635, 36.5887,
99.1843

Harmonies

Analogous

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



25.3358, 26.6990, 26.7759



24.9322, 26.6990, 27.1319



24.6502, 26.6990, 28.0062

Triad

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



24.9322, 26.6990, 27.1319



25.0022, 26.6990, 31.2221



26.2088, 26.6990, 28.9539

Complementary

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



24.9322, 26.6990, 27.1319



24.1688, 24.9652, 29.1374

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.



26.1171, 26.6990, 30.1617



24.9322, 26.6990, 27.1319



25.4175, 26.6990, 31.4929

Square

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



24.9322, 26.6990, 27.1319



24.6903, 26.6990, 30.3698



25.8262, 26.6990, 31.0997



26.0755, 26.6990, 27.8091

Rectangle

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



24.9322, 26.6990, 27.1319



24.5675, 26.6990, 28.7774



25.8262, 26.6990, 31.0997



26.2033, 26.6990, 29.3660

Sweetspot

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



24.9329, 26.7002, 27.1325



45.0021, 47.5484, 50.9341



24.6886, 25.7062, 26.9535



10.0563, 10.6223, 11.3911



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.



24.9329, 26.7002, 27.1325



43.6865, 46.9554, 47.0202



24.4343, 26.4431, 27.1091



5.8191, 6.2652, 6.2311



12.9085, 19.5472, 3.0926



0.1469, 0.1990, 0.0307

Inverse Universe

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



24.1688, 24.9652, 29.1374



42.0686, 43.2824, 51.2650



24.6720, 25.2247, 29.1610



5.5863, 5.7368, 6.8417



5.4693, 2.3131, 23.1353



0.0739, 0.0332, 0.2222

Previews

White Background



This preview shows how the XYZ color 24.9322, 26.6990, 27.1319 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 24.9322, 26.6990, 27.1319 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 24.9322, 26.6990, 27.1319

Background



This preview shows how black text looks on a background with the XYZ color 24.9322, 26.6990, 27.1319.



This preview shows how white text looks on a background with the XYZ color 24.9322, 26.6990,

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

24.9322, 26.6990, 27.1319

Protanopia

25.5751, 26.8188, 26.7503

Deuteranopia

27.0298, 26.4824, 27.3539



Tritanopia

26.1193, 26.7413, 33.0631

Trichromacy



Original Color

24.9322, 26.6990, 27.1319

Protanomaly

25.2257, 26.6387, 26.7339

Deuteranomaly

26.1815, 26.4671, 27.3957

Tritanomaly

25.6977, 26.7878, 31.0103

Monochromacy



Original Color

24.9322, 26.6990, 27.1319

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1696, 26.5766, 28.2293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9322, 26.6990, 27.1319 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, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 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(140, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.9322, 26.6990, 27.1319 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, 142, 136) }
```


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

```
.border{ border-color:rgb(140, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9322, 26.6990, 27.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 136) }
```

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

```
.background{ background-color: rgb(140,  
142, 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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