

Converting Colors

XYZ(24.7422, 26.5512, 29.4131)

Have a look what the booklet for
XYZ(24.7422, 26.5512, 29.4131)
contains.

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Color

**XYZ(24.7088, 26.5332,
29.4103)**

Conversions

Conversions Part 1

Format	Color
Hex	888E8E
RGB	136, 142, 142
RGB Percent	53%, 56%, 56%
CMY	0.4667, 0.4431, 0.4431
CMYK	0.04, 0.00, 0.00, 0.44
HSL	180°, 3%, 55%
HSV	180°, 4%, 56%
XYZ	24.7088, 26.5332, 29.4103
YIQ	140.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

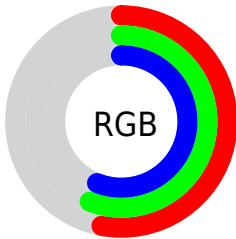
Format	Color
R _Y B	136, 139, 142
Decimal	8949390
CIE Lab	58.54, -2.18, -0.77
CIE LCh	59, 2.312, 199.365
Yxy	26.5332, 0.3064, 0.3290
Android (android.graphics.Color)	4287139470 (0xFF888E8E)
YUV	140.2060, 0.8844, -3.6887
Hunter-Lab	51.5104, -4.5193, 2.2051

Details

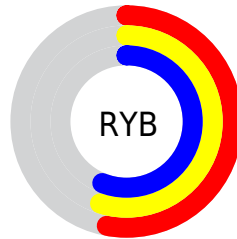
The XYZ color **24.7088, 26.5332, 29.4103** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4044, 25.1373, 26.8595**, and the grayscale version is **25.0056, 26.3078, 28.6492**.

A 20% lighter version of the original color is **50.6900, 54.2842, 60.0308**, and **9.5967, 10.4054, 11.6279** is the 20% darker color. If you saturate the color by 10%, you get **22.5535, 25.4229, 29.3079**, and if you desaturate by 10%, it is **27.1712, 27.8033, 29.5282**.

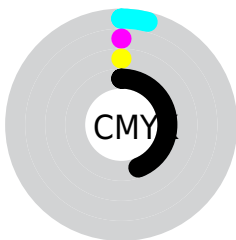
Distribution



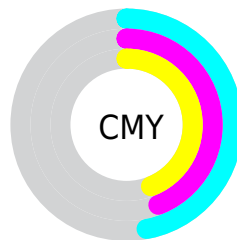
- Red (53%)
- Green (56%)
- Blue (56%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7088, 26.5332, 29.4103 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 24.7088, 26.5332, 29.4103 by changing the saturation by 10% instead.

■ 24.7088, 26.5332,
29.4103

■ 24.7088, 26.5332,
29.4103

268.7591,
285.3898, 313.2673

■ 15.9878, 17.2230,
19.1432

■ 50.6307, 54.1339,
59.7783

■ 9.6063, 10.3936,
11.5959

■ 68.5624, 73.1931,
80.7162

■ 5.1990, 5.6607,
6.3500

■ 90.2949, 96.2708,
106.0482

■ 2.4004, 2.6399,
2.9868

116.1938,
123.7513, 136.1927

■ 0.8453, 0.9468,
1.0879

146.6243,
156.0191, 171.5684

■ 0.0000, 0.0000,
0.0000

181.9517,

193.4585, 212.5936

222.5416,
236.4539, 259.6871

■ 24.7088, 26.5332,
29.4103

■ 24.7088, 26.5332,
29.4103

■ 22.5535, 25.4229,
29.3079

■ 27.1712, 27.8033,
29.5282

■ 20.6911, 24.4628,
29.2186

■ 29.9497, 29.2356,
29.6604

■ 19.1096, 23.6476,
29.1424

■ 33.0558, 30.8368,
29.8079

■ 17.7955, 22.9702,
29.0788

■ 36.4996, 32.6121,
29.9711

■ 16.7339, 22.4230,
29.0270

■ 40.2910, 34.5666,
30.1507

■ 15.9087, 21.9976,
28.9863

■ 44.4391, 36.7050,
30.3470

■ 15.3018, 21.6848,
28.9557

■ 48.9532, 39.0320,
30.5603

■ 14.8925, 21.4738,
28.9345

■ 53.8418, 41.5522,
30.7912

■ 14.6550, 21.3514,
28.9212

■ 55.7997, 42.5615,
30.8850

Harmonies

Analogous

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



24.6876, 26.5332, 28.6033



24.7088, 26.5332, 29.4103



24.8661, 26.5332, 30.0898

Triad

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



24.7088, 26.5332, 29.4103



25.6345, 26.5332, 29.9176



25.3196, 26.5332, 27.3845

Complementary

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



24.7088, 26.5332, 29.4103



24.4044, 25.1373, 26.8595

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.



25.5753, 26.5332, 27.7229



24.7088, 26.5332, 29.4103



25.7579, 26.5332, 29.1789

Square

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



24.7088, 26.5332, 29.4103



25.4000, 26.5332, 30.3864



25.7362, 26.5332, 28.3762



25.0389, 26.5332, 27.4438

Rectangle

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



24.7088, 26.5332, 29.4103



25.0276, 26.5332, 30.3742



25.7362, 26.5332, 28.3762



25.4114, 26.5332, 27.4552

Sweetspot

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



24.7096, 26.5343, 29.4109



44.9030, 47.4753, 51.9245



24.2873, 26.3673, 27.1022



10.0356, 10.6070, 11.5978



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.



24.7096, 26.5343, 29.4109



43.2163, 46.6058, 51.8440



24.2837, 25.6823, 29.2698



5.7516, 6.2150, 6.9250



13.0650, 19.1219, 25.9603



0.1249, 0.1828, 0.2483

Inverse Universe

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



24.4044, 25.1373, 26.8595



42.5701, 43.6482, 46.4425



24.8183, 25.9656, 26.9967



5.6587, 5.7895, 6.1480



10.0161, 5.1635, 0.4702



0.0958, 0.0494, 0.0046

Previews

White Background



This preview shows how the XYZ color 24.7088, 26.5332, 29.4103 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 24.7088, 26.5332, 29.4103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

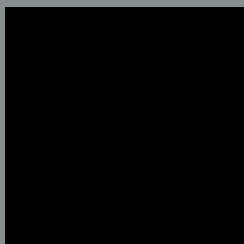
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

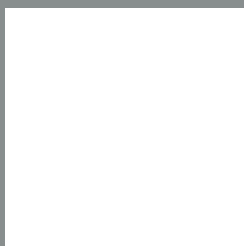
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7088, 26.5332, 29.4103

Background



This preview shows how black text looks on a background with the XYZ color 24.7088, 26.5332, 29.4103.



This preview shows how white text looks on a background with the XYZ color 24.7088, 26.5332,

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

24.7088, 26.5332, 29.4103

Protanopia

25.5135, 26.5189, 28.9733

Deuteranopia

26.8990, 26.3638, 29.6576



Tritanopia

25.6736, 26.7200, 33.5101

Trichromacy



Original Color

24.7088, 26.5332, 29.4103

Protanomaly

25.1478, 26.5483, 28.9982

Deuteranomaly

26.0790, 26.3632, 29.7007

Tritanomaly

25.1867, 26.5062, 31.8057

Monochromacy



Original Color

24.7088, 26.5332, 29.4103

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9801, 26.4618, 28.9904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7088, 26.5332, 29.4103 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, 142, 142) looks like.

```
.text, #text, p{  
    color:rgb(136, 142, 142)  
}
```

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, 142, 142) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 24.7088, 26.5332, 29.4103 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, 142, 142) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 24.7088, 26.5332, 29.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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