

Converting Colors

XYZ(24.2471, 25.2900, 24.5590)

Have a look what the booklet for
XYZ(24.2471, 25.2900, 24.5590)
contains.

XYZ(24.3026, 25.3427, 24.7298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3026, 25.3427,
24.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8982
RGB	143, 137, 130
RGB Percent	56%, 54%, 51%
CMY	0.4392, 0.4627, 0.4902
CMYK	0.00, 0.04, 0.09, 0.44
HSL	32°, 5%, 54%
HSV	32°, 9%, 56%
XYZ	24.3026, 25.3427, 24.7298
YIQ	137.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

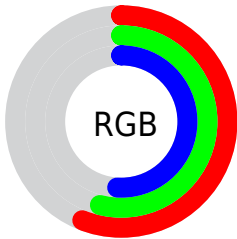
Format	Color
R_{YB}	141, 143, 130
Decimal	9406850
CIE Lab	57.41, 0.94, 4.54
CIE LCh	57, 4.636, 78.312
Yxy	25.3427, 0.3268, 0.3407
Android (android.graphics.Color)	4287596930 (0xFF8F8982)
YUV	137.9960, -3.9420, 4.3885
Hunter-Lab	50.3415, -1.9260, 6.1134

Details

The XYZ color **24.3026, 25.3427, 24.7298** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9678, 24.3367, 29.4737**, and the grayscale version is **24.1695, 25.4282, 27.6914**.

A 20% lighter version of the original color is **49.9867, 52.1161, 52.2246**, and **9.4076, 9.7376, 9.1683** is the 20% darker color. If you saturate the color by 10%, you get **22.4997, 23.1675, 19.7178**, and if you desaturate by 10%, it is **26.2977, 27.6882, 30.4646**.

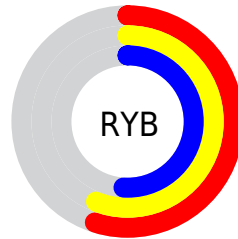
Distribution



Red (56%)

Green (54%)

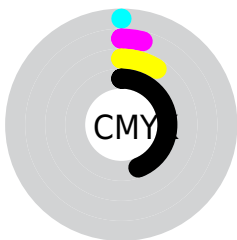
Blue (51%)



Red (55%)

Yellow (56%)

Blue (51%)

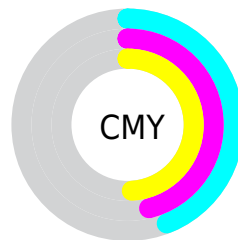


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3026, 25.3427, 24.7298 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 24.3026, 25.3427, 24.7298 by changing the saturation by 10% instead.

■ 24.3026, 25.3427,
24.7298

■ 24.3026, 25.3427,
24.7298

266.7589,
279.5403, 289.8941

■ 15.6842, 16.3326,
15.6587

■ 49.9746, 52.2126,
52.1772

■ 9.3904, 9.7598,
9.1312

■ 67.7590, 70.8412,
71.3906

■ 5.0558, 5.2400,
4.7289

■ 89.3293, 93.4448,
94.8218

■ 2.3151, 2.3887,
2.0331

115.0511,
120.4076, 122.8893

■ 0.8024, 0.8201,
0.5755

145.2896,
152.1142, 156.0118

■ 0.0000, 0.0000,
0.0000

180.4101,

188.9489, 194.6078

220.7781,
231.2962, 239.0957

■ 24.3026, 25.3427,
24.7298

■ 24.3026, 25.3427,
24.7298

■ 22.4997, 23.1675,
19.7178

■ 26.2977, 27.6882,
30.4646

■ 20.8804, 21.1550,
15.3980

■ 28.4890, 30.2047,
36.9482

■ 19.4384, 19.3019,
11.7396

■ 30.8831, 32.8971,
44.2071

■ 18.1665, 17.6036,
8.7091

■ 33.4856, 35.7693,
52.2660

■ 17.0567, 16.0551,
6.2701

■ 36.3017, 38.8249,
61.1486

■ 16.1002, 14.6510,
4.3821

■ 39.3367, 42.0672,
70.8776

■ 15.2872, 13.3856,
2.9996

■ 42.5956, 45.4998,
81.4748

■ 14.6066, 12.2525,
2.0698

■ 46.0830, 49.1260,
92.9612

■ 14.0334, 11.2395,
1.4671

■ 49.2020, 52.7081,
102.1882

Harmonies

Analogous

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



24.7985, 25.3427, 25.3909



24.3026, 25.3427, 24.7298



23.7564, 25.3427, 24.8142

Triad

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



24.3026, 25.3427, 24.7298



23.0963, 25.3427, 28.5576



24.8868, 25.3427, 29.6601

Complementary

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



24.3026, 25.3427, 24.7298



22.9678, 24.3367, 29.4737

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.



24.4217, 25.3427, 30.5738



24.3026, 25.3427, 24.7298



23.3902, 25.3427, 29.9208

Square

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



24.3026, 25.3427, 24.7298



23.0655, 25.3427, 26.9842



23.8736, 25.3427, 30.6710



25.1392, 25.3427, 28.2127

Rectangle

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



24.3026, 25.3427, 24.7298



23.4371, 25.3427, 25.2824



23.8736, 25.3427, 30.6710



24.7498, 25.3427, 30.0421

Sweetspot

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



24.3033, 25.3438, 24.7303



45.6342, 47.8805, 50.3194



23.7593, 23.5847, 26.6177



10.4023, 10.9065, 11.3588



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.



24.3033, 25.3438, 24.7303



42.8030, 44.5267, 42.2581



25.1048, 27.0579, 25.0190



5.6344, 5.8750, 5.7264



12.3856, 9.9029, 1.2587



0.1405, 0.1388, 0.0194

Inverse Universe

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



22.9678, 24.3367, 29.4737



39.8896, 42.3297, 52.6061



22.2134, 22.7289, 29.2031



5.3217, 5.6393, 6.8368



6.1252, 5.2364, 23.6650



0.0802, 0.0934, 0.2335

Previews

White Background



This preview shows how the XYZ color 24.3026, 25.3427, 24.7298 looks on a white background.

Color Contrast Check

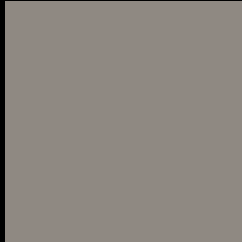
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3026, 25.3427, 24.7298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

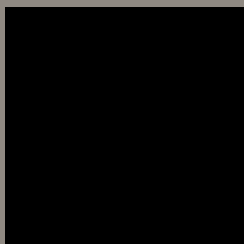
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

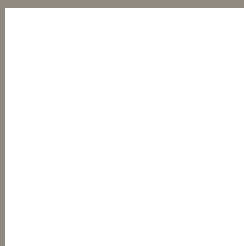
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3026, 25.3427, 24.7298

Background



This preview shows how black text looks on a background with the XYZ color 24.3026, 25.3427, 24.7298.



This preview shows how white text looks on a background with the XYZ color 24.3026, 25.3427,

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

24.3026, 25.3427, 24.7298

Protanopia

24.1303, 25.2538, 24.7218

Deuteranopia

25.8107, 25.2838, 24.9926



Tritanopia

25.4519, 25.3920, 30.3478

Trichromacy



Original Color

24.3026, 25.3427, 24.7298

Protanomaly

24.1303, 25.2538, 24.7218

Deuteranomaly

25.1995, 25.1729, 25.0034

Tritanomaly

25.0394, 25.4311, 28.3999

Monochromacy



Original Color

24.3026, 25.3427, 24.7298

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2769, 25.5017, 26.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3026, 25.3427, 24.7298 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(143, 137, 130) looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 130)  
}
```

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(143, 137, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.3026, 25.3427, 24.7298 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(143, 137, 130) }
```


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

```
.border{ border-color:rgb(143, 137, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 137, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 137, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 137, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 137,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3026, 25.3427, 24.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 130) }
```

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

```
.background{ background-color: rgb(143,  
137, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor