

Converting Colors

XYZ(24.1775, 24.9227, 26.6477)

Have a look what the booklet for
XYZ(24.1775, 24.9227, 26.6477)
contains.

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Color

**XYZ(24.2326, 25.0486,
26.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8888
RGB	141, 136, 136
RGB Percent	55%, 53%, 53%
CMY	0.4471, 0.4667, 0.4667
CMYK	0.00, 0.04, 0.04, 0.45
HSL	0°, 2%, 54%
HSV	0°, 4%, 55%
XYZ	24.2326, 25.0486, 26.8502
YIQ	137.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

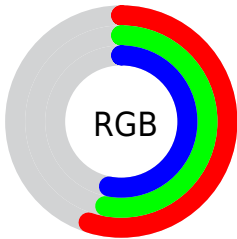
Format	Color
R_{YB}	141, 136, 136
Decimal	9275528
CIE Lab	57.12, 1.86, 0.66
CIE LCh	57, 1.975, 19.396
Yxy	25.0486, 0.3183, 0.3290
Android (android.graphics.Color)	4287465608 (0xFF8D8888)
YUV	137.4950, -0.7370, 3.0739
Hunter-Lab	50.0486, -1.1586, 3.2259

Details

The XYZ color **24.2326, 25.0486, 26.8502** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4859, 26.2067, 28.9675**, and the grayscale version is **23.9678, 25.2160, 27.4602**.

A 20% lighter version of the original color is **49.8886, 51.6714, 55.4883**, and **9.3219, 9.5516, 10.1564** is the 20% darker color. If you saturate the color by 10%, you get **21.4399, 20.9625, 21.2963**, and if you desaturate by 10%, it is **27.4196, 29.7116, 33.1866**.

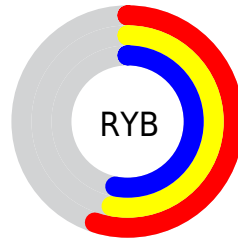
Distribution



Red (55%)

Green (53%)

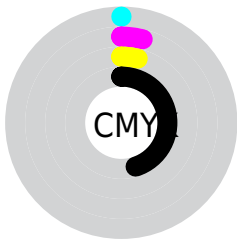
Blue (53%)



Red (55%)

Yellow (53%)

Blue (53%)

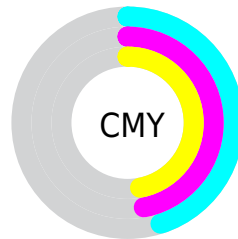


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2326, 25.0486, 26.8502 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 24.2326, 25.0486, 26.8502 by changing the saturation by 10% instead.

■ 24.2326, 25.0486,
26.8502

■ 24.2326, 25.0486,
26.8502

266.4130,
278.0799, 300.6683

■ 15.6319, 16.1133,
17.2293

■ 49.8614, 51.7361,
55.6442

■ 9.3533, 9.6043,
10.2344

■ 67.6203, 70.2570,
75.6544

■ 5.0313, 5.1374,
5.4470

■ 89.1626, 92.7419,
99.9648

■ 2.3006, 2.3281,
2.4486

114.8537,
119.5751, 128.9939

■ 0.7950, 0.7885,
0.8127

145.0589,
151.1412, 163.1602

■ 0.0000, 0.0000,
0.0000

180.1436,

187.8244, 202.8824

220.4732,
230.0092, 248.5789

■ 24.2326, 25.0486,
26.8502

■ 24.2326, 25.0486,
26.8502

■ 21.4399, 20.9625,
21.2963

■ 27.4196, 29.7116,
33.1866

■ 19.0241, 17.4279,
16.4931

■ 31.0131, 34.9692,
40.3324

■ 16.9699, 14.4220,
12.4087

■ 35.0275, 40.8427,
48.3155

■ 15.2596, 11.9195,
9.0087

■ 39.4759, 47.3509,
57.1617

■ 13.8747, 9.8929,
6.2556

■ 44.3706, 54.5122,
66.8957

■ 12.7944, 8.3121,
4.1085

■ 49.7237, 62.3439,
77.5414

■ 11.9959, 7.1434,
2.5216

■ 55.5466, 70.8630,
89.1217

■ 11.4529, 6.3486,
1.4429

■ 61.8505, 80.0858,
101.6587

■ 11.1340, 5.8817,
0.8098

■ 64.7947, 84.4028,
107.4841

Harmonies

Analogous

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



24.2506, 25.0486, 27.5102



24.2326, 25.0486, 26.8502



24.1004, 25.0486, 26.3120

Triad

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



24.2326, 25.0486, 26.8502



23.4698, 25.0486, 26.4479



23.7257, 25.0486, 28.5531

Complementary

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



24.2326, 25.0486, 26.8502



24.4859, 26.2067, 28.9675

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.



23.5178, 25.0486, 28.2584



24.2326, 25.0486, 26.8502



23.3707, 25.0486, 27.0385

Square

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



24.2326, 25.0486, 26.8502



23.6596, 25.0486, 26.0824



23.3883, 25.0486, 27.7016



23.9569, 25.0486, 28.5006

Rectangle

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



24.2326, 25.0486, 26.8502



23.9658, 25.0486, 26.0914



23.3883, 25.0486, 27.7016



23.6508, 25.0486, 28.4911

Sweetspot

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



24.2333, 25.0497, 26.8507



44.7704, 46.8683, 50.8150



24.5967, 25.1945, 28.7663



10.0080, 10.4804, 11.3663



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.



24.2333, 25.0497, 26.8507



43.1096, 44.4383, 47.5126



24.5892, 25.7614, 26.9694



5.7231, 5.8840, 6.2758



10.0166, 5.1648, 0.4690



0.0958, 0.0494, 0.0045

Inverse Universe

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



24.4859, 26.2067, 28.9675



43.6290, 46.8174, 51.8650



24.1218, 25.4785, 28.8461



5.8009, 6.2402, 6.9275



13.0593, 19.1046, 25.9763



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 24.2326, 25.0486, 26.8502 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 24.2326, 25.0486, 26.8502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

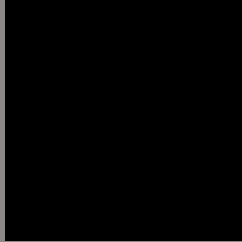
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2326, 25.0486, 26.8502

Background



This preview shows how black text looks on a background with the XYZ color 24.2326, 25.0486, 26.8502.

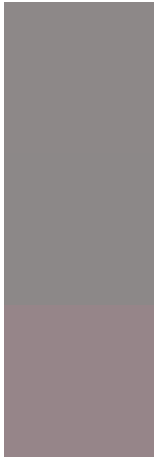


This preview shows how white text looks on a background with the XYZ color 24.2326, 25.0486,

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

24.2326, 25.0486, 26.8502

Protanopia

24.0633, 24.9613, 26.8423

Deuteranopia

25.4806, 25.0652, 27.1620



Tritanopia

24.9301, 25.1231, 30.3233

Trichromacy



Original Color

24.2326, 25.0486, 26.8502

Protanomaly

24.0633, 24.9613, 26.8423

Deuteranomaly

25.0731, 25.0594, 27.1824

Tritanomaly

24.7018, 25.0317, 29.1209

Monochromacy



Original Color

24.2326, 25.0486, 26.8502

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9422, 25.1007, 27.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2326, 25.0486, 26.8502 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(141, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(141, 136, 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(141, 136, 136) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 24.2326, 25.0486, 26.8502 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(141, 136, 136) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 24.2326, 25.0486, 26.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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