

Converting Colors

XYZ(24.9031, 24.4950, 33.2105)

Have a look what the booklet for
XYZ(24.9031, 24.4950, 33.2105)
contains.

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Color

**XYZ(24.9033, 24.4322,
33.1091)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8498
RGB	141, 132, 152
RGB Percent	55%, 52%, 60%
CMY	0.4471, 0.4823, 0.4039
CMYK	0.07, 0.13, 0.00, 0.40
HSL	267°, 9%, 56%
HSV	267°, 13%, 60%
XYZ	24.9033, 24.4322, 33.1091
YIQ	136.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

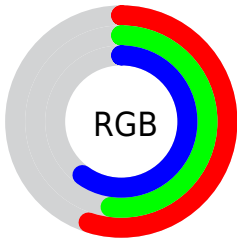
Format	Color
R_{YB}	141, 132, 152
Decimal	9274520
CIE Lab	56.52, 7.37, -9.46
CIE LCh	57, 11.991, 307.915
Yxy	24.4322, 0.3021, 0.2963
Android (android.graphics.Color)	4287464600 (0xFF8D8498)
YUV	136.9710, 7.4093, 3.5334
Hunter-Lab	49.4289, 3.4313, -5.1141

Details

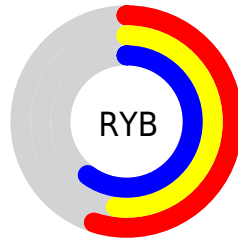
The XYZ color **24.9033, 24.4322, 33.1091** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7215, 29.9626, 26.2059**, and the grayscale version is **23.7407, 24.9770, 27.2000**.

A 20% lighter version of the original color is **50.9952, 50.7563, 65.5017**, and **9.7566, 9.3502, 13.6025** is the 20% darker color. If you saturate the color by 10%, you get **21.6223, 19.9011, 32.4078**, and if you desaturate by 10%, it is **28.5935, 29.6213, 33.9166**.

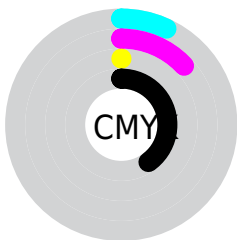
Distribution



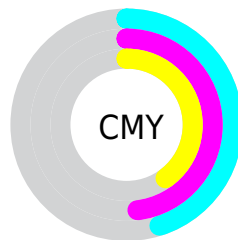
- Red (55%)
- Green (52%)
- Blue (60%)



- Red (55%)
- Yellow (52%)
- Blue (60%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9033, 24.4322, 33.1091 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 24.9033, 24.4322, 33.1091 by changing the saturation by 10% instead.

■ 24.9033, 24.4322,
33.1091

■ 24.9033, 24.4322,
33.1091

269.7126,
274.9983, 330.7881

■ 16.1334, 15.6545,
21.9382

■ 50.9443, 50.7346,
65.6638

■ 9.7100, 9.2800,
13.6136

■ 68.9461, 69.0281,
87.8847

■ 5.2679, 4.9243,
7.7168

■ 90.7560, 91.2623,
114.6261

■ 2.4417, 2.2029,
3.8291

116.7391,
117.8217, 146.3064

■ 0.8659, 0.7216,
1.5321

147.2610,
149.0906, 183.3442

■ 0.0000, 0.0000,
0.2416

182.6870,

■ 0.0000, 0.0000,

185.4534, 226.1581

0.0000

223.3824,
227.2945, 275.1665

■ 24.9033, 24.4322,
33.1091

■ 24.9033, 24.4322,
33.1091

■ 21.6223, 19.9011,
32.4078

■ 28.5935, 29.6213,
33.9166

■ 18.7329, 15.9979,
31.8067

■ 32.7050, 35.4909,
34.8328

■ 16.2195, 12.6947,
31.3016

■ 37.2523, 42.0661,
35.8623

■ 14.0647, 9.9600,
30.8873

■ 42.2485, 49.3697,
37.0087

■ 12.2494, 7.7596,
30.5583

■ 47.7059, 57.4236,
38.2756

■ 10.7523, 6.0553,
30.3082

■ 53.6367, 66.2488,
39.6665

■ 9.5497, 4.8037,
30.1300

■ 60.0522, 75.8653,
41.1845

■ 8.6137, 3.9535,
30.0152

■ 66.9636, 86.2925,
42.8329

■ 8.0793, 3.5103,
29.9579

■ 69.8188, 88.4232,
43.0937

Harmonies

Analogous

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



23.5920, 24.4322, 34.9262



24.9033, 24.4322, 33.1091



25.7875, 24.4322, 29.5852

Triad

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



24.9033, 24.4322, 33.1091



24.2414, 24.4322, 20.1219



20.6744, 24.4322, 27.6704

Complementary

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



24.9033, 24.4322, 33.1091



26.7215, 29.9626, 26.2059

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.



20.8327, 24.4322, 23.8274



24.9033, 24.4322, 33.1091



22.8560, 24.4322, 19.7190

Square

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



24.9033, 24.4322, 33.1091



25.3949, 24.4322, 22.1711



21.6183, 24.4322, 21.0096



21.1769, 24.4322, 31.5883

Rectangle

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



24.9033, 24.4322, 33.1091



25.9965, 24.4322, 26.8819



21.6183, 24.4322, 21.0096



20.6524, 24.4322, 26.3250

Sweetspot

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



24.9040, 24.4332, 33.1096



49.8389, 51.3906, 59.7263



25.0566, 26.9185, 33.5813



11.2185, 11.5258, 13.5509



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9040, 24.4332, 33.1096



42.0537, 40.4801, 58.0306



26.6201, 25.3179, 33.1899



6.1352, 6.1556, 7.7938



6.8090, 2.9612, 25.1204



0.1429, 0.0654, 0.3775

Inverse Universe

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



26.1588, 25.1621, 29.4655



44.7649, 42.0554, 50.1298



25.1195, 29.1367, 26.1309



6.3438, 6.2767, 7.1905



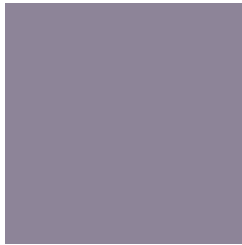
12.2019, 6.1350, 7.5882



0.2007, 0.0990, 0.2099

Previews

White Background



This preview shows how the XYZ color 24.9033, 24.4322, 33.1091 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 24.9033, 24.4322, 33.1091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

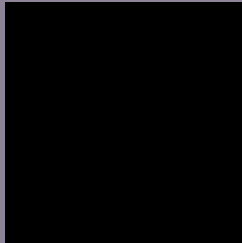
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9033, 24.4322, 33.1091

Background



This preview shows how black text looks on a background with the XYZ color 24.9033, 24.4322, 33.1091.



This preview shows how white text looks on a background with the XYZ color 24.9033, 24.4322,

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

24.9033, 24.4322, 33.1091

Protanopia

24.1696, 24.6476, 34.0554

Deuteranopia

24.9033, 24.4322, 33.1091



Tritanopia

24.2368, 24.3641, 29.8109

Trichromacy



Original Color

24.9033, 24.4322, 33.1091

Protanomaly

24.4282, 24.5843, 33.5947

Deuteranomaly

24.9033, 24.4322, 33.1091

Tritanomaly

24.4692, 24.4571, 31.0348

Monochromacy



Original Color

24.9033, 24.4322, 33.1091

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0277, 24.6842, 29.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9033, 24.4322, 33.1091 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, 132, 152)` looks like.

```
.text, #text, p{  
    color:rgb(141, 132, 152)  
}
```

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, 132, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 132, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.9033, 24.4322, 33.1091 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, 132, 152) }
```


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

```
.border{ border-color:rgb(141, 132, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 132, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 132, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 132, 152);  
box-shadow:4px 4px 4px 4px rgb(141, 132,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9033, 24.4322, 33.1091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 132, 152) }
```

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

```
.background{ background-color: rgb(141,  
132, 152) }
```

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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