

Converting Colors

XYZ(24.6432, 24.5602, 25.1394)

Have a look what the booklet for
XYZ(24.6432, 24.5602, 25.1394)
contains.

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Color

**XYZ(24.6289, 24.4644,
25.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	948484
RGB	148, 132, 132
RGB Percent	58%, 52%, 52%
CMY	0.4196, 0.4823, 0.4823
CMYK	0.00, 0.11, 0.11, 0.42
HSL	0°, 7%, 55%
HSV	0°, 11%, 58%
XYZ	24.6289, 24.4644, 25.2538
YIQ	136.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

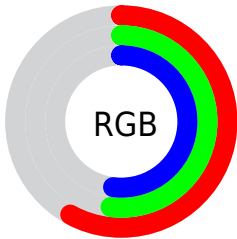
Format	Color
R_{YB}	148, 132, 132
Decimal	9733252
CIE Lab	56.55, 6.05, 2.20
CIE LCh	57, 6.441, 20.017
Yxy	24.4644, 0.3313, 0.3291
Android (android.graphics.Color)	4287923332 (0xFF948484)
YUV	136.7840, -2.3585, 9.8364
Hunter-Lab	49.4615, 2.3248, 4.3511

Details

The XYZ color **24.6289, 24.4644, 25.2538** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4508, 28.2230, 32.1235**, and the grayscale version is **23.7030, 24.9374, 27.1568**.

A 20% lighter version of the original color is **50.4630, 50.7573, 53.0364**, and **9.5844, 9.3524, 9.4837** is the 20% darker color. If you saturate the color by 10%, you get **21.8209, 20.3557, 19.6706**, and if you desaturate by 10%, it is **27.8666, 29.2020, 31.6898**.

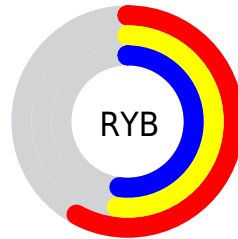
Distribution



Red (58%)

Green (52%)

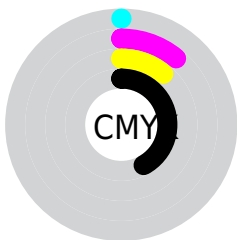
Blue (52%)



Red (58%)

Yellow (52%)

Blue (52%)

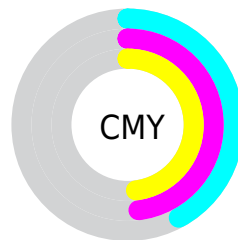


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6289, 24.4644, 25.2538 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 24.6289, 24.4644, 25.2538 by changing the saturation by 10% instead.

■ 24.6289, 24.4644,
25.2538

■ 24.6289, 24.4644,
25.2538

268.3666,
275.1600, 292.5876

■ 15.9280, 15.6785,
16.0455

■ 50.5018, 50.7870,
53.0379

■ 9.5638, 9.2969,
9.4017

■ 68.4045, 69.0924,
72.4507

■ 5.1707, 4.9354,
4.9037

■ 90.1053, 91.3398,
96.1022

■ 2.3836, 2.2094,
2.1331

115.9694,
117.9136, 124.4108

■ 0.8369, 0.7251,
0.6354

146.3622,
149.1981, 157.7951

■ 0.0000, 0.0000,
0.0000

181.6492,

185.5777, 196.6737

222.1955,
227.4369, 241.4650

■ 24.6289, 24.4644,
25.2538

■ 24.6289, 24.4644,
25.2538

■ 21.8209, 20.3557,
19.6706

■ 27.8666, 29.2020,
31.6898

■ 19.4227, 16.8465,
14.9028

■ 31.5488, 34.5900,
39.0105

■ 17.4157, 13.9097,
10.9130

■ 35.6923, 40.6528,
47.2483

■ 15.7792, 11.5150,
7.6597

■ 40.3121, 47.4126,
56.4333

■ 14.4905, 9.6292,
5.0979

■ 45.4228, 54.8907,
66.5943

■ 13.5245, 8.2156,
3.1778

■ 51.0383, 63.1073,
77.7589

■ 12.8526, 7.2324,
1.8425

■ 57.1718, 72.0819,
89.9536

■ 12.4415, 6.6307,
1.0255

■ 63.8363, 81.8333,
103.2039

■ 12.2132, 6.2965,
0.5716

■ 66.0229, 85.0360,
107.5416

Harmonies

Analogous

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



24.6965, 24.4644, 27.3573



24.6289, 24.4644, 25.2538



24.1881, 24.4644, 23.6075

Triad

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



24.6289, 24.4644, 25.2538



22.1691, 24.4644, 24.0802



23.0045, 24.4644, 30.8989

Complementary

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



24.6289, 24.4644, 25.2538



25.4508, 28.2230, 32.1235

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.



22.3417, 24.4644, 29.9164



24.6289, 24.4644, 25.2538



21.8662, 24.4644, 25.9306

Square

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



24.6289, 24.4644, 25.2538



22.7643, 24.4644, 22.9555



21.9287, 24.4644, 28.0710



23.7479, 24.4644, 30.6937

Rectangle

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



24.6289, 24.4644, 25.2538



23.7471, 24.4644, 22.9547



21.9287, 24.4644, 28.0710



22.7651, 24.4644, 30.6946

Sweetspot

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



24.6296, 24.4655, 25.2543



47.8165, 49.5464, 53.2263



25.8096, 24.9369, 31.4703



10.8125, 11.1597, 11.9457



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.6296, 24.4655, 25.2543



42.1749, 41.2913, 42.0102



25.7560, 26.7184, 25.6298



5.8009, 5.8155, 6.0572



10.4319, 5.3782, 0.4883



0.1277, 0.0659, 0.0060

Inverse Universe

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



25.4508, 28.2230, 32.1235



43.9232, 49.2904, 56.6336



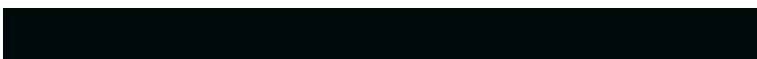
24.2394, 25.8002, 31.7197



5.9640, 6.5621, 7.4220



13.6078, 19.9104, 27.0569



0.1666, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 24.6289, 24.4644, 25.2538 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 24.6289, 24.4644, 25.2538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

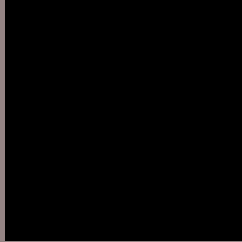
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6289, 24.4644, 25.2538

Background



This preview shows how black text looks on a background with the XYZ color 24.6289, 24.4644, 25.2538.



This preview shows how white text looks on a background with the XYZ color 24.6289, 24.4644,

25.2538.

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

24.6289, 24.4644, 25.2538

Protanopia

23.6145, 24.5381, 26.0460

Deuteranopia

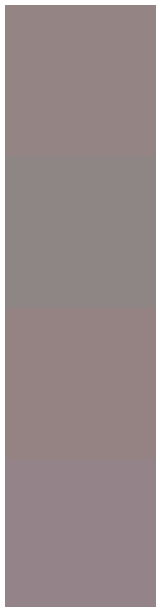
24.8588, 24.3826, 25.2259



Tritanopia

25.3184, 24.5452, 28.6026

Trichromacy



Original Color

24.6289, 24.4644, 25.2538

Protanomaly

23.9141, 24.4944, 25.6578

Deuteranomaly

24.6756, 24.2881, 25.2173

Tritanomaly

25.0982, 24.4571, 27.4426

Monochromacy



Original Color

24.6289, 24.4644, 25.2538

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0217, 24.7399, 26.4309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6289, 24.4644, 25.2538 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(148, 132, 132) looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 132)  
}
```

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(148, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.6289, 24.4644, 25.2538 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(148, 132, 132) }
```


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

```
.border{ border-color:rgb(148, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6289, 24.4644, 25.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 132) }
```

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

```
.background{ background-color: rgb(148,  
132, 132) }
```

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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