

Converting Colors

XYZ(24.5408, 24.3389, 27.4412)

Have a look what the booklet for
XYZ(24.5408, 24.3389, 27.4412)
contains.

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Color

**XYZ(24.5158, 24.3572,
27.4541)**

Conversions

Conversions Part 1

Format	Color
Hex	91848A
RGB	145, 132, 138
RGB Percent	57%, 52%, 54%
CMY	0.4314, 0.4823, 0.4588
CMYK	0.00, 0.09, 0.05, 0.43
HSL	332°, 6%, 54%
HSV	332°, 9%, 57%
XYZ	24.5158, 24.3572, 27.4541
YIQ	136.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

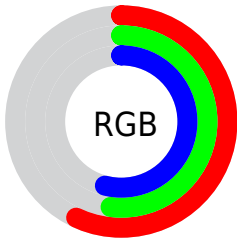
Format	Color
R_{YB}	145, 132, 138
Decimal	9536650
CIE _{Lab}	56.44, 6.02, -1.45
CIE _{LCh}	56, 6.192, 346.474
Yxy	24.3572, 0.3212, 0.3191
Android (android.graphics.Color)	4287726730 (0xFF91848A)
YUV	136.5710, 0.7045, 7.3922
Hunter-Lab	49.3530, 2.3010, 1.5653

Details

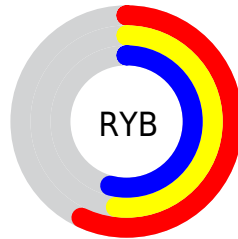
The XYZ color **24.5158, 24.3572, 27.4541** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3023, 27.0211, 28.3621**, and the grayscale version is **23.6125, 24.8422, 27.0532**.

A 20% lighter version of the original color is **50.3061, 50.6016, 56.4059**, and **9.5740, 9.3240, 10.5276** is the 20% darker color. If you saturate the color by 10%, you get **22.1395, 20.4769, 23.9723**, and if you desaturate by 10%, it is **27.2075, 28.8026, 31.2422**.

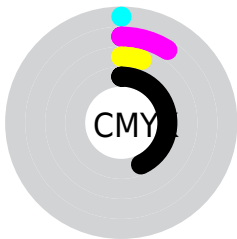
Distribution



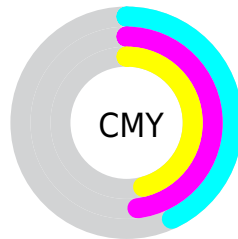
- Red (57%)
- Green (52%)
- Blue (54%)



- Red (57%)
- Yellow (52%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (43%)



- Cyan (43%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5158, 24.3572, 27.4541 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 24.5158, 24.3572, 27.4541 by changing the saturation by 10% instead.

■ 24.5158, 24.3572,
27.4541

■ 24.5158, 24.3572,
27.4541

267.8103,
274.6214, 303.6786

■ 15.8435, 15.5988,
17.6791

■ 50.3192, 50.6125,
56.6243

■ 9.5036, 9.2407,
10.5528

■ 68.1810, 68.8781,
76.8565

■ 5.1308, 4.8985,
5.6566

■ 89.8366, 91.0817,
101.4116

■ 2.3598, 2.1878,
2.5720

115.6515,
117.6075, 130.7081

■ 0.8250, 0.7134,
0.8780

145.9909,
148.8400, 165.1645

■ 0.0000, 0.0000,
0.0000

181.2203,

185.1635, 205.1993

221.7050,
226.9626, 251.2312

■ 24.5158, 24.3572,
27.4541

■ 24.5158, 24.3572,
27.4541

■ 22.1395, 20.4769,
23.9723

■ 27.2075, 28.8026,
31.2422

■ 20.0644, 17.1356,
20.7870

■ 30.2238, 33.8312,
35.3430

■ 18.2784, 14.3102,
17.8901

■ 33.5763, 39.4645,
39.7644

■ 16.7677, 11.9744,
15.2726

■ 37.2753, 45.7219,
44.5137

■ 15.5172, 10.0997,
12.9248

■ 41.3305, 52.6217,
49.5980

■ 14.5104, 8.6547,
10.8364

■ 45.7515, 60.1816,
55.0240

■ 13.7288, 7.6038,
8.9962

■ 50.5474, 68.4188,
60.7983

■ 13.1508, 6.9058,
7.3916

■ 55.7268, 77.3496,
66.9273

■ 12.7284, 6.4664,
6.0013

■ 58.8573, 82.1079,
72.6036

Harmonies

Analogous

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



24.1638, 24.3572, 29.3310



24.5158, 24.3572, 27.4541



24.4968, 24.3572, 25.4180

Triad

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



24.5158, 24.3572, 27.4541



22.7624, 24.3572, 22.9155



22.2152, 24.3572, 29.4847

Complementary

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



24.5158, 24.3572, 27.4541



24.3023, 27.0211, 28.3621

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.



21.8551, 24.3572, 27.6552



24.5158, 24.3572, 27.4541



22.1665, 24.3572, 23.8962

Square

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



24.5158, 24.3572, 27.4541



23.4744, 24.3572, 22.8678



21.8374, 24.3572, 25.6090



22.8302, 24.3572, 30.5435

Rectangle

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



24.5158, 24.3572, 27.4541



24.2760, 24.3572, 24.2446



21.8374, 24.3572, 25.6090



22.0609, 24.3572, 28.9353

Sweetspot

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



24.5165, 24.3583, 27.4546



46.6793, 48.1939, 53.1023



23.9993, 24.0312, 30.1621



10.3027, 10.5864, 11.6985



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.



24.5165, 24.3583, 27.4546



42.8919, 41.9599, 47.7063



24.1529, 24.3070, 25.2497



5.5059, 5.4629, 6.1621



10.8954, 5.5152, 5.1003



0.1151, 0.0571, 0.1063

Inverse Universe

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



24.5165, 24.3583, 27.4546



42.8919, 41.9599, 47.7063



24.6867, 27.0692, 30.7123



5.5059, 5.4629, 6.1621



10.8954, 5.5152, 5.1003



0.1151, 0.0571, 0.1063

Previews

White Background



This preview shows how the XYZ color 24.5158, 24.3572, 27.4541 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 24.5158, 24.3572, 27.4541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

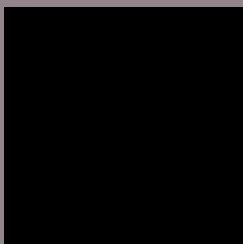
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

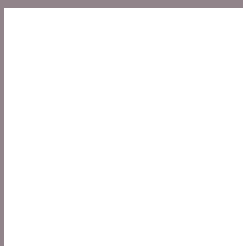
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5158, 24.3572, 27.4541

Background



This preview shows how black text looks on a background with the XYZ color 24.5158, 24.3572, 27.4541.



This preview shows how white text looks on a background with the XYZ color 24.5158, 24.3572,

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

24.5158, 24.3572, 27.4541

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

24.7364, 24.2706, 27.4257



Tritanopia

24.8528, 24.2966, 28.9710

Trichromacy



Original Color

24.5158, 24.3572, 27.4541

Protanomaly

24.0005, 24.4897, 27.8881

Deuteranomaly

24.5578, 24.1786, 27.4174

Tritanomaly

24.7781, 24.2667, 28.5773

Monochromacy



Original Color

24.5158, 24.3572, 27.4541

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9945, 24.7095, 27.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5158, 24.3572, 27.4541 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(145, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(145, 132, 138)  
}
```

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(145, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 132, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.5158, 24.3572, 27.4541 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(145, 132, 138) }
```


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

```
.border{ border-color:rgb(145, 132, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 132, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 132, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 132, 138);  
box-shadow:4px 4px 4px 4px rgb(145, 132,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5158, 24.3572, 27.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 132, 138) }
```

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

```
.background{ background-color: rgb(145,  
132, 138) }
```

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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