

Converting Colors

XYZ(24.2724, 24.2650, 25.9844)

Have a look what the booklet for
XYZ(24.2724, 24.2650, 25.9844)
contains.

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Color

**XYZ(24.2314, 24.2435,
25.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	918486
RGB	145, 132, 134
RGB Percent	57%, 52%, 53%
CMY	0.4314, 0.4823, 0.4745
CMYK	0.00, 0.09, 0.08, 0.43
HSL	351°, 6%, 54%
HSV	351°, 9%, 57%
XYZ	24.2314, 24.2435, 25.9566
YIQ	136.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

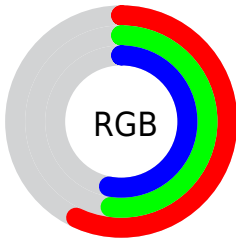
Format	Color
R_{YB}	145, 132, 134
Decimal	9536646
CIE Lab	56.33, 5.27, 0.70
CIE LCh	56, 5.317, 7.538
Yxy	24.2435, 0.3256, 0.3257
Android (android.graphics.Color)	4287726726 (0xFF918486)
YUV	136.1150, -1.0427, 7.7921
Hunter-Lab	49.2377, 1.6795, 3.2105

Details

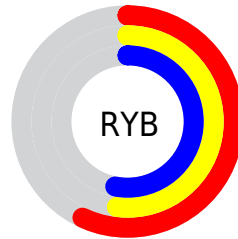
The XYZ color **24.2314, 24.2435, 25.9566** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6000, 27.1401, 29.9299**, and the grayscale version is **23.4473, 24.6684, 26.8639**.

A 20% lighter version of the original color is **49.8718, 50.4279, 54.1187**, and **9.4128, 9.2595, 9.6787** is the 20% darker color. If you saturate the color by 10%, you get **21.5934, 20.2585, 21.0967**, and if you desaturate by 10%, it is **27.2434, 28.8170, 31.4318**.

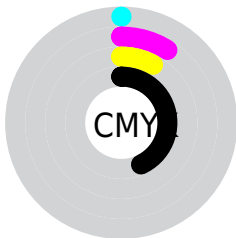
Distribution



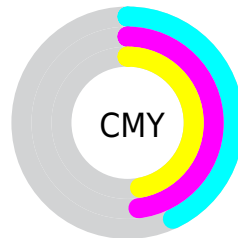
- Red (57%)
- Green (52%)
- Blue (53%)



- Red (57%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (43%)



- Cyan (43%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2314, 24.2435, 25.9566 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 24.2314, 24.2435, 25.9566 by changing the saturation by 10% instead.

■ 24.2314, 24.2435,
25.9566

■ 24.2314, 24.2435,
25.9566

266.4071,
274.0492, 296.1677

■ 15.6310, 15.5143,
16.5657

■ 49.8595, 50.4273,
54.1881

■ 9.3526, 9.1812,
9.7667

■ 67.6179, 68.6507,
73.8659

■ 5.0308, 4.8595,
5.1409

■ 89.1597, 90.8076,
97.8096

■ 2.3003, 2.1651,
2.2700

114.8503,
117.2825, 126.4379

■ 0.7948, 0.7009,
0.7143

145.0549,
148.4597, 160.1694

■ 0.0000, 0.0000,
0.0000

180.1391,

184.7236, 199.4224

220.4680,
226.4587, 244.6157

■ 24.2314, 24.2435,
25.9566

■ 24.2314, 24.2435,
25.9566

■ 21.5934, 20.2585,
21.0967

■ 27.2434, 28.8170,
31.4318

■ 19.3128, 16.8350,
16.8291

■ 30.6412, 33.9983,
37.5413

■ 17.3747, 13.9487,
13.1314

■ 34.4386, 39.8095,
44.3051

■ 15.7625, 11.5723,
9.9794

■ 38.6479, 46.2709,
51.7418

■ 14.4579, 9.6760,
7.3470

■ 43.2811, 53.4019,
59.8695

■ 13.4411, 8.2270,
5.2061

■ 48.3496, 61.2209,
68.7053

■ 12.6898, 7.1882,
3.5257

■ 53.8644, 69.7456,
78.2659

■ 12.1783, 6.5168,
2.2713

■ 59.8362, 78.9933,
88.5674

■ 11.8538, 6.1166,
1.3960

■ 63.8342, 84.0986,
98.8117

Harmonies

Analogous

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



24.1495, 24.2435, 27.7083



24.2314, 24.2435, 25.9566



23.9903, 24.2435, 24.3928

Triad

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



24.2314, 24.2435, 25.9566



22.3318, 24.2435, 23.8091



22.5952, 24.2435, 29.6420

Complementary

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



24.2314, 24.2435, 25.9566



24.6000, 27.1401, 29.9299

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.



22.1204, 24.2435, 28.5082



24.2314, 24.2435, 25.9566



21.9703, 24.2435, 25.1278

Square

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



24.2314, 24.2435, 25.9566



22.8884, 24.2435, 23.1892



21.8936, 24.2435, 26.8425



23.1977, 24.2435, 29.8879

Rectangle

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



24.2314, 24.2435, 25.9566



23.6814, 24.2435, 23.6494



21.8936, 24.2435, 26.8425



22.4157, 24.2435, 29.3497

Sweetspot

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



24.2321, 24.2446, 25.9571



46.4956, 48.1204, 52.1350



24.6617, 24.3727, 30.1930



10.2521, 10.5661, 11.4320



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.



24.2321, 24.2446, 25.9571



42.2674, 41.7101, 44.4177



24.6938, 25.3890, 25.4301



5.4406, 5.4368, 5.8181



10.1491, 5.2166, 1.1703



0.1022, 0.0519, 0.0384

Inverse Universe

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



24.2321, 24.2446, 25.9571



42.2674, 41.7101, 44.4177



24.1032, 25.9023, 30.5176



5.4406, 5.4368, 5.8181



10.1491, 5.2166, 1.1703



0.1022, 0.0519, 0.0384

Previews

White Background



This preview shows how the XYZ color 24.2314, 24.2435, 25.9566 looks on a white background.

Color Contrast Check

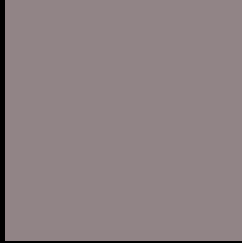
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2314, 24.2435, 25.9566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

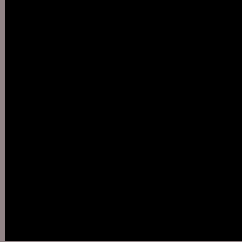
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2314, 24.2435, 25.9566

Background



This preview shows how black text looks on a background with the XYZ color 24.2314, 24.2435, 25.9566.



This preview shows how white text looks on a background with the XYZ color 24.2314, 24.2435,

25.9566.

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

24.2314, 24.2435, 25.9566

Protanopia

23.2148, 24.1178, 26.3533

Deuteranopia

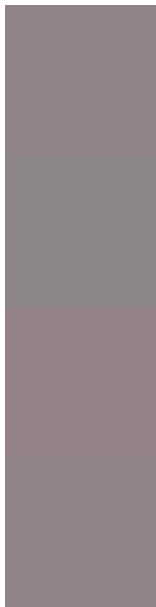
24.6321, 24.2497, 25.9367



Tritanopia

24.7781, 24.2667, 28.5773

Trichromacy



Original Color

24.2314, 24.2435, 25.9566

Protanomaly

23.5759, 24.0998, 26.3308

Deuteranomaly

24.4520, 24.1569, 25.9282

Tritanomaly

24.5578, 24.1786, 27.4174

Monochromacy



Original Color

24.2314, 24.2435, 25.9566

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6846, 24.5662, 26.4151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2314, 24.2435, 25.9566 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(145, 132, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 132, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.2314, 24.2435, 25.9566 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, 134) }
```


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

```
.border{ border-color:rgb(145, 132, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 132,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2314, 24.2435, 25.9566 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, 134) }
```

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

```
.background{ background-color: rgb(145,  
132, 134) }
```

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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