

Converting Colors

XYZ(24.6597, 23.6010, 24.7838)

Have a look what the booklet for
XYZ(24.6597, 23.6010, 24.7838)
contains.

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Color

**XYZ(24.7648, 23.7524,
24.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	988083
RGB	152, 128, 131
RGB Percent	60%, 50%, 51%
CMY	0.4039, 0.4980, 0.4863
CMYK	0.00, 0.16, 0.14, 0.40
HSL	353°, 10%, 55%
HSV	353°, 16%, 60%
XYZ	24.7648, 23.7524, 24.7522
YIQ	135.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

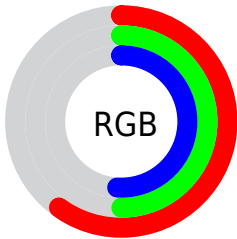
Format	Color
R_{YB}	152, 128, 131
Decimal	9994371
CIE _{Lab}	55.84, 9.70, 1.80
CIE _{LCh}	56, 9.866, 10.502
Yxy	23.7524, 0.3380, 0.3242
Android (android.graphics.Color)	4288184451 (0xFF988083)
YUV	135.5180, -2.2274, 14.4547
Hunter-Lab	48.7364, 5.4137, 4.0034

Details

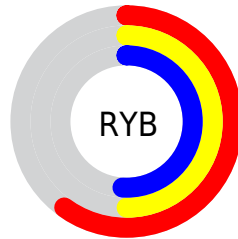
The XYZ color **24.7648, 23.7524, 24.7522** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5560, 29.2162, 32.7274**, and the grayscale version is **23.2268, 24.4364, 26.6112**.

A 20% lighter version of the original color is **50.6292, 49.6303, 52.2585**, and **9.6858, 8.9679, 9.2031** is the 20% darker color. If you saturate the color by 10%, you get **22.0844, 19.7428, 19.6929**, and if you desaturate by 10%, it is **27.8593, 28.4045, 30.5212**.

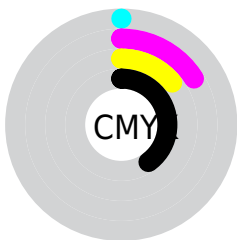
Distribution



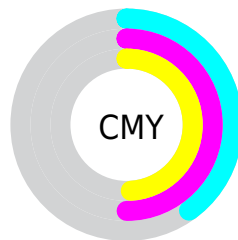
- Red (60%)
- Green (50%)
- Blue (51%)



- Red (60%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7648, 23.7524, 24.7522 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 24.7648, 23.7524, 24.7522 by changing the saturation by 10% instead.

■ 24.7648, 23.7524,
24.7522

■ 24.7648, 23.7524,
24.7522

269.0339,
271.5663, 290.0097

■ 16.0297, 15.1501,
15.6752

■ 50.7210, 49.6259,
52.2141

■ 9.6362, 8.9248,
9.1427

■ 68.6729, 67.6657,
71.4360

■ 5.2188, 4.6921,
4.7363

■ 90.4278, 89.6203,
94.8766

■ 2.4123, 2.0678,
2.0374

116.3509,
115.8738, 122.9546

■ 0.8512, 0.6464,
0.5781

146.8077,
146.8108, 156.0883

■ 0.0000, 0.0000,
0.0000

182.1636,

182.8156, 194.6964

222.7839,
224.2727, 239.1973

■ 24.7648, 23.7524,
24.7522

■ 24.7648, 23.7524,
24.7522

■ 22.0844, 19.7428,
19.6929

■ 27.8593, 28.4045,
30.5212

■ 19.7987, 16.3444,
15.3143

■ 31.3824, 33.7221,
37.0243

■ 17.8893, 13.5281,
11.5877

■ 35.3503, 39.7314,
44.2865

■ 16.3361, 11.2611,
8.4819

■ 39.7779, 46.4557,
52.3314

■ 15.1167, 9.5076,
5.9629

■ 44.6792, 53.9176,
61.1814

■ 14.2063, 8.2271,
3.9935

■ 50.0678, 62.1386,
70.8580

■ 13.5765, 7.3735,
2.5322

■ 55.9566, 71.1393,
81.3820

■ 13.1896, 6.8829,
1.5300

■ 62.3581, 80.9395,
92.7733

■ 13.0664, 6.7224,
1.2244

■ 66.0765, 85.1425,
103.9820

Harmonies

Analogous

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



24.6717, 23.7524, 27.9803



24.7648, 23.7524, 24.7522



24.2568, 23.7524, 22.0527

Triad

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



24.7648, 23.7524, 24.7522



21.2033, 23.7524, 21.4421



21.8633, 23.7524, 32.1362

Complementary

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



24.7648, 23.7524, 24.7522



25.5560, 29.2162, 32.7274

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.



20.9746, 23.7524, 30.0872



24.7648, 23.7524, 24.7522



20.6023, 23.7524, 23.8540

Square

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



24.7648, 23.7524, 24.7522



22.1849, 23.7524, 20.2494



20.5200, 23.7524, 27.0052



22.9715, 23.7524, 32.4270

Rectangle

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



24.7648, 23.7524, 24.7522



23.6552, 23.7524, 20.8478



20.5200, 23.7524, 27.0052



21.5300, 23.7524, 31.6226

Sweetspot

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



24.7655, 23.7535, 24.7527



49.5785, 50.7458, 54.6226



25.7453, 24.0772, 32.9965



11.1824, 11.4041, 12.2553



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.



24.7655, 23.7535, 24.7527



41.9358, 39.2636, 40.3501



25.7631, 26.0693, 24.0973



6.2386, 6.2346, 6.6368



10.9627, 5.6393, 1.0625



0.1710, 0.0872, 0.0535

Inverse Universe

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



24.7655, 23.7535, 24.7527



41.9358, 39.2636, 40.3501



24.4229, 26.5620, 33.5458



6.2386, 6.2346, 6.6368



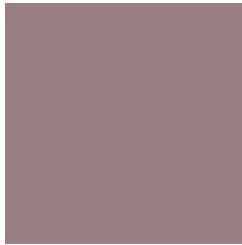
10.9627, 5.6393, 1.0625



0.1710, 0.0872, 0.0535

Previews

White Background



This preview shows how the XYZ color 24.7648, 23.7524, 24.7522 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 24.7648, 23.7524, 24.7522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

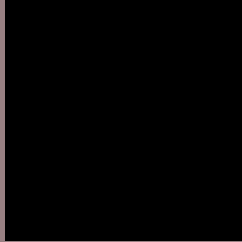
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7648, 23.7524, 24.7522

Background



This preview shows how black text looks on a background with the XYZ color 24.7648, 23.7524, 24.7522.



This preview shows how white text looks on a background with the XYZ color 24.7648, 23.7524,

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

24.7648, 23.7524, 24.7522

Protanopia

22.8439, 23.7305, 25.9307

Deuteranopia

24.2921, 23.8999, 24.8055



Tritanopia

25.2416, 23.7572, 26.9221

Trichromacy



Original Color

24.7648, 23.7524, 24.7522

Protanomaly

23.5053, 23.6768, 25.5215

Deuteranomaly

24.3414, 23.7288, 24.7699

Tritanomaly

25.0994, 23.7003, 26.1734

Monochromacy



Original Color

24.7648, 23.7524, 24.7522

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8459, 24.2471, 25.9776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7648, 23.7524, 24.7522 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(152, 128, 131)` looks like.

```
.text, #text, p{  
    color:rgb(152, 128, 131)  
}
```

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(152, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 128, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.7648, 23.7524, 24.7522 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(152, 128, 131) }
```


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

```
.border{ border-color:rgb(152, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 128, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 128, 131);  
box-shadow:4px 4px 4px 4px rgb(152, 128,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7648, 23.7524, 24.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 128, 131) }
```

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

```
.background{ background-color: rgb(152,  
128, 131) }
```

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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