

Converting Colors

XYZ(24.5392, 24.1794, 21.7863)

Have a look what the booklet for
XYZ(24.5392, 24.1794, 21.7863)
contains.

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Color

**XYZ(24.4444, 24.0458,
21.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	98827A
RGB	152, 130, 122
RGB Percent	60%, 51%, 48%
CMY	0.4039, 0.4902, 0.5216
CMYK	0.00, 0.14, 0.20, 0.40
HSL	16°, 13%, 54%
HSV	16°, 20%, 60%
XYZ	24.4444, 24.0458, 21.7653
YIQ	135.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

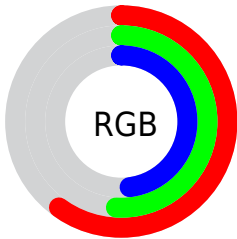
Format	Color
R_{YB}	152, 133, 122
Decimal	9994874
CIE Lab	56.13, 7.05, 7.43
CIE LCh	56, 10.239, 46.505
Yxy	24.0458, 0.3479, 0.3423
Android (android.graphics.Color)	4288184954 (0xFF98827A)
YUV	135.6660, -6.7373, 14.3249
Hunter-Lab	49.0365, 3.1672, 8.0092

Details

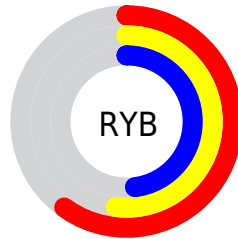
The XYZ color **24.4444, 24.0458, 21.7653** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6667, 26.3505, 33.5448**, and the grayscale version is **23.2977, 24.5110, 26.6925**.

A 20% lighter version of the original color is **50.3056, 50.1884, 47.0803**, and **9.5119, 9.1326, 7.5648** is the 20% darker color. If you saturate the color by 10%, you get **22.1724, 20.8928, 16.7192**, and if you desaturate by 10%, it is **27.0257, 27.5811, 27.6419**.

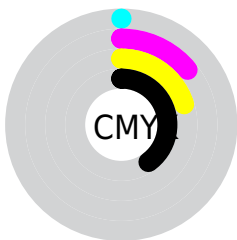
Distribution



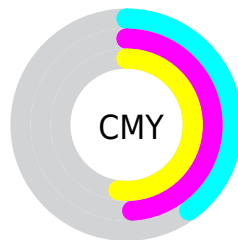
- Red (60%)
- Green (51%)
- Blue (48%)



- Red (60%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (49%)
- Yellow (52%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4444, 24.0458, 21.7653 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 24.4444, 24.0458, 21.7653 by changing the saturation by 10% instead.

■ 24.4444, 24.0458,
21.7653

■ 24.4444, 24.0458,
21.7653

267.4586,
273.0519, 274.2316

■ 15.7901, 15.3676,
13.4879

■ 50.2038, 50.1049,
47.2550

■ 9.4657, 9.0778,
7.6307

■ 68.0397, 68.2546,
65.3043

■ 5.1057, 4.7920,
3.7752

■ 89.6668, 90.3303,
87.4481

■ 2.3448, 2.1257,
1.5028

115.4506,
116.7164, 114.1047

■ 0.8174, 0.6790,
0.2200

145.7562,
147.7971, 145.6929

■ 0.0000, 0.0000,
0.0000

180.9492,

183.9571, 182.6310

221.3949,
225.5805, 225.3378

■ 24.4444, 24.0458,
21.7653

■ 24.4444, 24.0458,
21.7653

■ 22.1724, 20.8928,
16.7192

■ 27.0257, 27.5811,
27.6419

■ 20.1957, 18.1059,
12.4643

■ 29.9255, 31.5077,
34.3827

■ 18.5024, 15.6726,
8.9607

■ 33.1552, 35.8385,
42.0214

■ 17.0786, 13.5783,
6.1640

■ 36.7249, 40.5847,
50.5894

■ 15.9095, 11.8074,
4.0254

■ 40.6443, 45.7569,
60.1167

■ 14.9785, 10.3430,
2.4895

■ 44.9228, 51.3657,
70.6318

■ 14.2670, 9.1665,
1.4921

■ 49.5693, 57.4210,
82.1621

■ 13.7387, 8.2513,
0.8800

■ 54.5925, 63.9326,
94.7339

■ 13.7264, 8.2302,
0.8651

■ 59.3825, 70.6624,
105.1172

Harmonies

Analogous

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



25.0888, 24.0458, 24.3872



24.4444, 24.0458, 21.7653



23.3858, 24.0458, 20.3837

Triad

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



24.4444, 24.0458, 21.7653



20.7288, 24.0458, 24.7016



23.5023, 24.0458, 32.8841

Complementary

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



24.4444, 24.0458, 21.7653



23.6667, 26.3505, 33.5448

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.



22.3320, 24.0458, 32.9866



24.4444, 24.0458, 21.7653



20.7576, 24.0458, 28.0623

Square

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



24.4444, 24.0458, 21.7653



21.2556, 24.0458, 21.9784



21.3357, 24.0458, 31.1586



24.5322, 24.0458, 30.8896

Rectangle

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



24.4444, 24.0458, 21.7653



22.5999, 24.0458, 20.2681



21.3357, 24.0458, 31.1586



23.1116, 24.0458, 33.1466

Sweetspot

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



24.4451, 24.0469, 21.7658



49.4893, 51.1107, 52.9177



24.9428, 22.6084, 29.4351



11.1816, 11.5264, 11.8730



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.



24.4451, 24.0469, 21.7658



41.1836, 39.7291, 34.0263



26.5874, 28.3316, 22.4799



6.3362, 6.4775, 6.5222



11.5319, 6.9462, 0.7330



0.1992, 0.1575, 0.0199

Inverse Universe

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



23.6667, 26.3505, 33.5448



39.5340, 44.6016, 58.9590



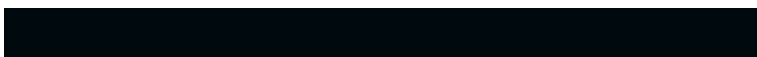
21.5441, 22.1054, 32.8373



6.2451, 6.7476, 7.9022



9.5861, 11.5689, 26.6355



0.1725, 0.2314, 0.4079

Previews

White Background



This preview shows how the XYZ color 24.4444, 24.0458, 21.7653 looks on a white background.

Color Contrast Check

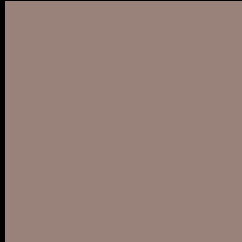
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4444, 24.0458, 21.7653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

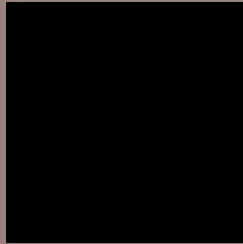
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4444, 24.0458, 21.7653

Background



This preview shows how black text looks on a background with the XYZ color 24.4444, 24.0458, 21.7653.



This preview shows how white text looks on a background with the XYZ color 24.4444, 24.0458,

21.7653.

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

24.4444, 24.0458, 21.7653

Protanopia

22.9784, 24.0809, 22.5058

Deuteranopia

24.4444, 24.0458, 21.7653



Tritanopia

25.6330, 24.1433, 27.3539

Trichromacy



Original Color

24.4444, 24.0458, 21.7653

Protanomaly

23.4643, 24.1344, 22.1606

Deuteranomaly

24.4444, 24.0458, 21.7653

Tritanomaly

25.1520, 24.1388, 25.1634

Monochromacy



Original Color

24.4444, 24.0458, 21.7653

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7772, 24.4397, 24.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4444, 24.0458, 21.7653 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, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(152, 130, 122)  
}
```

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, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 130, 122) }
```

Border

The CSS property to change the border of an element to XYZ 24.4444, 24.0458, 21.7653 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, 130, 122) }
```


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

```
.border{ border-color:rgb(152, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 130, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 130, 122);  
box-shadow:4px 4px 4px 4px rgb(152, 130,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4444, 24.0458, 21.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 130, 122) }
```

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

```
.background{ background-color: rgb(152,  
130, 122) }
```

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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