

Converting Colors

XYZ(24.7324, 22.1741, 30.8086)

Have a look what the booklet for
XYZ(24.7324, 22.1741, 30.8086)
contains.

XYZ(24.6394, 22.0551, 30.9754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.6394, 22.0551,
30.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	967894
RGB	150, 120, 148
RGB Percent	59%, 47%, 58%
CMY	0.4118, 0.5294, 0.4196
CMYK	0.00, 0.20, 0.01, 0.41
HSL	304°, 12%, 53%
HSV	304°, 20%, 59%
XYZ	24.6394, 22.0551, 30.9754
YIQ	132.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

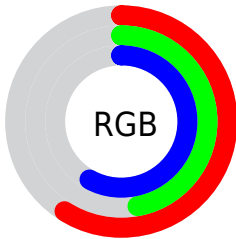
Format	Color
R_{YB}	150, 120, 148
Decimal	9861268
CIE _{Lab}	54.09, 16.72, -10.70
CIE _{LCh}	54, 19.850, 327.380
Yxy	22.0551, 0.3172, 0.2840
Android (android.graphics.Color)	4288051348 (0xFF967894)
YUV	132.1620, 7.8081, 15.6439
Hunter-Lab	46.9629, 11.4663, -6.2320

Details

The XYZ color **24.6394, 22.0551, 30.9754** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.1658, 27.2115, 22.4976**, and the grayscale version is **21.9616, 23.1053, 25.1617**.

A 20% lighter version of the original color is **50.3150, 46.6067, 62.2212**, and **9.5565, 8.0222, 12.3540** is the 20% darker color. If you saturate the color by 10%, you get **22.8963, 18.6946, 30.0057**, and if you desaturate by 10%, it is **26.6672, 25.9830, 32.0438**.

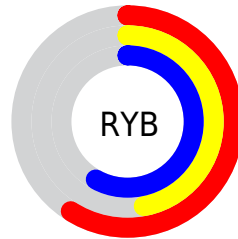
Distribution



Red (59%)

Green (47%)

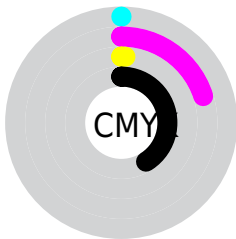
Blue (58%)



Red (59%)

Yellow (47%)

Blue (58%)

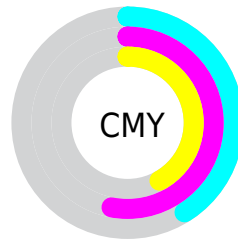


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6394, 22.0551, 30.9754 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 24.6394, 22.0551, 30.9754 by changing the saturation by 10% instead.

■ 24.6394, 22.0551,
30.9754

■ 24.6394, 22.0551,
30.9754

268.4182,
262.8339, 320.7727

■ 15.9359, 13.8974,
20.3218

■ 50.5187, 46.8370,
62.2805

■ 9.5694, 8.0493,
12.4428

■ 68.4253, 64.2301,
83.7690

■ 5.1744, 4.1265,
6.9198

■ 90.1302, 85.4703,
109.7063

■ 2.3858, 1.7446,
3.3343

115.9989,
110.9422, 140.5109

■ 0.8380, 0.4523,
1.2678

146.3967,
141.0301, 176.6012

■ 0.0000, 0.0000,
0.0352

181.6889,

■ 0.0000, 0.0000,

176.1184, 218.3960

0.0000

222.2410,
216.5916, 266.3136

■ 24.6394, 22.0551,
30.9754

■ 24.6394, 22.0551,
30.9754

■ 22.8963, 18.6946,
30.0057

■ 26.6672, 25.9830,
32.0438

■ 21.4226, 15.8724,
29.1290

■ 28.9898, 30.5000,
33.2137

■ 20.2050, 13.5611,
28.3410

■ 31.6196, 35.6301,
34.4893

■ 19.2279, 11.7298,
27.6365

■ 34.5674, 41.3952,
35.8743

■ 18.4743, 10.3443,
27.0098

■ 37.8436, 47.8160,
37.3722

■ 17.9247, 9.3658,
26.4545

■ 41.4582, 54.9124,
38.9863

■ 17.5564, 8.7489,
25.9629

■ 45.4206, 62.7033,
40.7198

■ 17.3115, 8.3776,
25.5158

■ 49.7399, 71.2071,
42.5757

■ 17.3114, 8.3776,
25.5157

■ 54.4237, 80.4384,
44.5565

Harmonies

Analogous

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



22.9212, 22.0551, 36.1305



24.6394, 22.0551, 30.9754



25.3676, 22.0551, 24.5592

Triad

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



24.6394, 22.0551, 30.9754



21.1521, 22.0551, 14.0259



17.5033, 22.0551, 29.8785

Complementary

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



24.6394, 22.0551, 30.9754



22.1658, 27.2115, 22.4976

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.



17.0998, 22.0551, 23.4774



24.6394, 22.0551, 30.9754



19.1191, 22.0551, 14.9638

Square

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



24.6394, 22.0551, 30.9754



23.2701, 22.0551, 15.3619



17.6713, 22.0551, 18.1830



18.8131, 22.0551, 35.4250

Rectangle

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



24.6394, 22.0551, 30.9754



25.1588, 22.0551, 20.6497



17.6713, 22.0551, 18.1830



17.2612, 22.0551, 27.7257

Sweetspot

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



24.6401, 22.0561, 30.9759



48.5884, 48.8206, 57.3290



20.2485, 19.7737, 31.6039



10.7172, 10.7208, 12.6792



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.



24.6401, 22.0561, 30.9759



42.0463, 36.1484, 53.8781



23.5285, 21.6114, 25.1225



6.0188, 5.9026, 7.2052



14.3623, 6.9500, 21.1864



0.1798, 0.0867, 0.2806

Inverse Universe

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



24.6401, 22.0561, 30.9759



42.0463, 36.1484, 53.8781



23.1682, 27.6124, 27.7763



6.0188, 5.9026, 7.2052



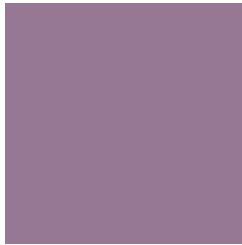
14.3623, 6.9500, 21.1864



0.1798, 0.0867, 0.2806

Previews

White Background



This preview shows how the XYZ color 24.6394, 22.0551, 30.9754 looks on a white background.

Color Contrast Check

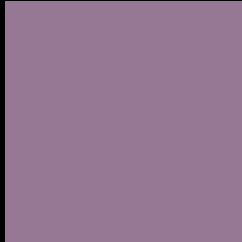
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6394, 22.0551, 30.9754 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 24.6394, 22.0551, 30.9754

Background



This preview shows how black text looks on a background with the XYZ color 24.6394, 22.0551, 30.9754.



This preview shows how white text looks on a background with the XYZ color 24.6394, 22.0551,

30.9754.

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

24.6394, 22.0551, 30.9754

Protanopia

21.8641, 22.0565, 33.6768

Deuteranopia

22.5588, 22.0966, 30.6799



Tritanopia

23.4606, 22.1278, 24.8644

Trichromacy



Original Color

24.6394, 22.0551, 30.9754

Protanomaly

22.6740, 21.9208, 32.7418

Deuteranomaly

23.2893, 22.0973, 30.6415

Tritanomaly

23.9414, 22.1436, 27.0571

Monochromacy



Original Color

24.6394, 22.0551, 30.9754

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9541, 22.7623, 27.2285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6394, 22.0551, 30.9754 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(150, 120, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 120, 148)  
}
```

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(150, 120, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 120, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.6394, 22.0551, 30.9754 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(150, 120, 148) }
```


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

```
.border{ border-color:rgb(150, 120, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 120, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 120, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 120, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 120,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6394, 22.0551, 30.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 120, 148) }
```

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

```
.background{ background-color: rgb(150,  
120, 148) }
```

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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