

Converting Colors

XYZ(24.5569, 22.2120, 31.5865)

Have a look what the booklet for
XYZ(24.5569, 22.2120, 31.5865)
contains.

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Color

**XYZ(24.4749, 22.1406,
31.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	947995
RGB	148, 121, 149
RGB Percent	58%, 47%, 58%
CMY	0.4196, 0.5255, 0.4157
CMYK	0.01, 0.19, 0.00, 0.42
HSL	298°, 12%, 53%
HSV	298°, 19%, 58%
XYZ	24.4749, 22.1406, 31.4174
YIQ	132.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

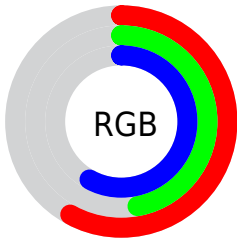
Format	Color
R_{YB}	148, 121, 149
Decimal	9730453
CIE _{Lab}	54.18, 15.62, -11.17
CIE _{LCh}	54, 19.200, 324.435
Yxy	22.1406, 0.3136, 0.2837
Android (android.graphics.Color)	4287920533 (0xFF947995)
YUV	132.2650, 8.2504, 13.7996
Hunter-Lab	47.0538, 10.5021, -6.6497

Details

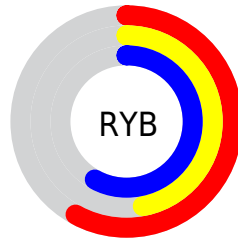
The XYZ color **24.4749, 22.1406, 31.4174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.2256, 27.0136, 22.1331**, and the grayscale version is **21.9977, 23.1433, 25.2030**.

A 20% lighter version of the original color is **50.0802, 46.7555, 62.8851**, and **9.4517, 8.0580, 12.6125** is the 20% darker color. If you saturate the color by 10%, you get **22.7064, 18.7458, 30.8557**, and if you desaturate by 10%, it is **26.5249, 26.0969, 32.0733**.

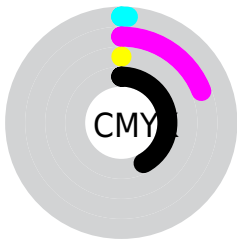
Distribution



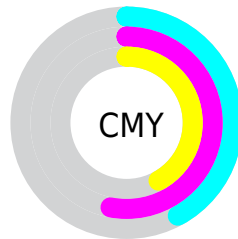
- Red (58%)
- Green (47%)
- Blue (58%)



- Red (58%)
- Yellow (47%)
- Blue (58%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4749, 22.1406, 31.4174 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 24.4749, 22.1406, 31.4174 by changing the saturation by 10% instead.

■ 24.4749, 22.1406,
31.4174

■ 24.4749, 22.1406,
31.4174

267.6088,
263.2796, 322.8672

■ 15.8129, 13.9602,
20.6558

■ 50.2531, 46.9783,
62.9839

■ 9.4819, 8.0930,
12.6838

■ 68.1001, 64.4044,
84.6258

■ 5.1164, 4.1545,
7.0830

■ 89.7394, 85.6812,
110.7316

■ 2.3512, 1.7604,
3.4348

115.5364,
111.1931, 141.7198

■ 0.8207, 0.4623,
1.3207

145.8565,
141.3245, 178.0089

■ 0.0000, 0.0000,
0.0787

181.0651,

■ 0.0000, 0.0000,

176.4598, 220.0175

0.0000

221.5274,
216.9834, 268.1641

■ 24.4749, 22.1406,
31.4174

■ 24.4749, 22.1406,
31.4174

■ 22.7064, 18.7458,
30.8557

■ 26.5249, 26.0969,
32.0733

■ 21.2045, 15.8841,
30.3825

■ 28.8663, 30.6358,
32.8260

■ 19.9562, 13.5288,
29.9936

■ 31.5111, 35.7808,
33.6797

■ 18.9465, 11.6499,
29.6842

■ 34.4700, 41.5533,
34.6380

■ 18.1586, 10.2141,
29.4486

■ 37.7530, 47.9735,
35.7041

■ 17.5738, 9.1839,
29.2806

■ 41.3700, 55.0609,
36.8815

■ 17.1704, 8.5157,
29.1729

■ 45.3303, 62.8341,
38.1732

■ 16.9011, 8.1152,
29.1097

■ 49.6426, 71.3110,
39.5821

■ 16.8703, 8.0703,
29.1027

■ 54.2824, 80.4420,
41.1000

Harmonies

Analogous

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



22.7455, 22.1406, 36.1381



24.4749, 22.1406, 31.4174



25.2896, 22.1406, 25.2375

Triad

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



24.4749, 22.1406, 31.4174



21.4350, 22.1406, 14.3940



17.6024, 22.1406, 29.1731

Complementary

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



24.4749, 22.1406, 31.4174



22.2256, 27.0136, 22.1331

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.



17.3023, 22.1406, 23.0114



24.4749, 22.1406, 31.4174



19.4295, 22.1406, 15.0956

Square

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



24.4749, 22.1406, 31.4174



23.4618, 22.1406, 15.9250



17.9497, 22.1406, 18.0295



18.7982, 22.1406, 34.6999

Rectangle

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



24.4749, 22.1406, 31.4174



25.1682, 22.1406, 21.3582



17.9497, 22.1406, 18.0295



17.3969, 22.1406, 27.0829

Sweetspot

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



24.4756, 22.1416, 31.4179



48.5688, 48.8005, 57.7808



20.3198, 20.2536, 31.2725



10.7124, 10.7159, 12.7886



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.



24.4756, 22.1416, 31.4179



42.2892, 36.6861, 55.7735



23.7050, 21.8543, 26.4116



6.0151, 5.8987, 7.2913



14.2040, 6.7950, 24.4940



0.1790, 0.0858, 0.3000

Inverse Universe

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



22.7455, 21.4705, 21.3590



38.5512, 35.2378, 33.9706



22.9087, 27.2705, 26.4655



5.8087, 5.8185, 6.0987



10.4586, 5.3885, 0.6301



0.1297, 0.0666, 0.0165

Previews

White Background



This preview shows how the XYZ color 24.4749, 22.1406, 31.4174 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 24.4749, 22.1406, 31.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

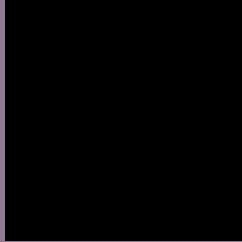
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4749, 22.1406, 31.4174

Background



This preview shows how black text looks on a background with the XYZ color 24.4749, 22.1406, 31.4174.



This preview shows how white text looks on a background with the XYZ color 24.4749, 22.1406,

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

24.4749, 22.1406, 31.4174

Protanopia

22.1404, 22.3936, 33.7273

Deuteranopia

22.6377, 22.1282, 31.0950



Tritanopia

23.2953, 22.2198, 25.2513

Trichromacy



Original Color

24.4749, 22.1406, 31.4174

Protanomaly

22.8012, 22.1753, 32.7843

Deuteranomaly

23.2004, 22.0424, 31.0488

Tritanomaly

23.7758, 22.2330, 27.4644

Monochromacy



Original Color

24.4749, 22.1406, 31.4174

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7878, 22.6766, 27.2207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4749, 22.1406, 31.4174 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(148, 121, 149)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 149)  
}
```

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(148, 121, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.4749, 22.1406, 31.4174 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(148, 121, 149) }
```


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

```
.border{ border-color:rgb(148, 121, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 149);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4749, 22.1406, 31.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 149) }
```

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

```
.background{ background-color: rgb(148,  
121, 149) }
```

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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