

Converting Colors

XYZ(24.7955, 22.4491, 32.0707)

Have a look what the booklet for
XYZ(24.7955, 22.4491, 32.0707)
contains.

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Color

**XYZ(24.8590, 22.5106,
31.8889)**

Conversions

Conversions Part 1

Format	Color
Hex	957A96
RGB	149, 122, 150
RGB Percent	58%, 48%, 59%
CMY	0.4157, 0.5216, 0.4118
CMYK	0.01, 0.19, 0.00, 0.41
HSL	298°, 12%, 53%
HSV	298°, 19%, 59%
XYZ	24.8590, 22.5106, 31.8889
YIQ	133.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

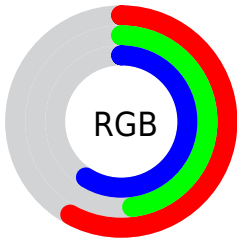
Format	Color
R_{YB}	149, 122, 150
Decimal	9796246
CIE _{Lab}	54.56, 15.60, -11.15
CIE _{LCh}	55, 19.176, 324.430
Yxy	22.5106, 0.3136, 0.2840
Android (android.graphics.Color)	4287986326 (0xFF957A96)
YUV	133.2650, 8.2504, 13.7996
Hunter-Lab	47.4453, 10.4958, -6.6382

Details

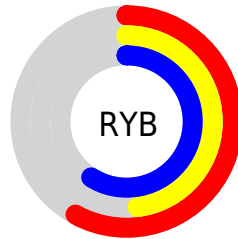
The XYZ color **24.8590, 22.5106, 31.8889** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.5883, 27.4293, 22.5173**, and the grayscale version is **22.3605, 23.5249, 25.6187**.

A 20% lighter version of the original color is **50.8577, 47.7161, 63.6564**, and **9.6717, 8.2626, 12.8895** is the 20% darker color. If you saturate the color by 10%, you get **23.0603, 19.0575, 31.3175**, and if you desaturate by 10%, it is **26.9438, 26.5345, 32.5560**.

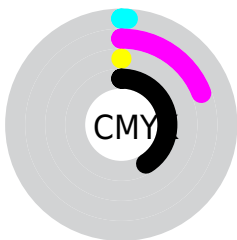
Distribution



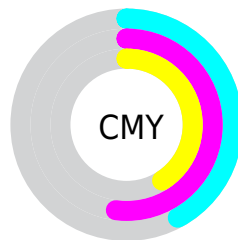
- Red (58%)
- Green (48%)
- Blue (59%)



- Red (58%)
- Yellow (48%)
- Blue (59%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (41%)



- Cyan (42%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8590, 22.5106, 31.8889 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 24.8590, 22.5106, 31.8889 by changing the saturation by 10% instead.

■ 24.8590, 22.5106,
31.8889

■ 24.8590, 22.5106,
31.8889

269.4956,
265.2013, 325.0900

■ 16.1002, 14.2326,
21.0125

■ 50.8729, 47.5885,
63.7328

■ 9.6864, 8.2826,
12.9418

■ 68.8588, 65.1571,
85.5373

■ 5.2522, 4.2763,
7.2582

■ 90.6510, 86.5914,
111.8217

■ 2.4322, 1.8293,
3.5432

116.6150,
112.2757, 143.0045

■ 0.8612, 0.5053,
1.3783

147.1161,
142.5944, 179.5042

■ 0.0000, 0.0000,
0.1247

182.5197,

■ 0.0000, 0.0000,

177.9320, 221.7393

0.0000

223.1911,
218.6728, 270.1284

■ 24.8590, 22.5106,
31.8889

■ 24.8590, 22.5106,
31.8889

■ 23.0603, 19.0575,
31.3175

■ 26.9438, 26.5345,
32.5560

■ 21.5327, 16.1463,
30.8361

■ 29.3248, 31.1505,
33.3215

■ 20.2628, 13.7498,
30.4405

■ 32.0142, 36.3825,
34.1897

■ 19.2353, 11.8377,
30.1255

■ 35.0228, 42.2524,
35.1641

■ 18.4335, 10.3760,
29.8857

■ 38.3609, 48.7806,
36.2482

■ 17.8382, 9.3269,
29.7145

■ 42.0384, 55.9869,
37.4454

■ 17.4273, 8.6458,
29.6047

■ 46.0648, 63.8902,
38.7586

■ 17.1542, 8.2397,
29.5407

■ 50.4490, 72.5086,
40.1911

■ 17.1199, 8.1897,
29.5329

■ 54.5573, 80.5744,
41.5314

Harmonies

Analogous

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



23.1133, 22.5106, 36.6489



24.8590, 22.5106, 31.8889



25.6813, 22.5106, 25.6524

Triad

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



24.8590, 22.5106, 31.8889



21.7909, 22.5106, 14.6902



17.9186, 22.5106, 29.6227

Complementary

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



24.8590, 22.5106, 31.8889



22.5883, 27.4293, 22.5173

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.



17.6154, 22.5106, 23.4024



24.8590, 22.5106, 31.8889



19.7652, 22.5106, 15.4000

Square

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



24.8590, 22.5106, 31.8889



23.8370, 22.5106, 16.2401



18.2699, 22.5106, 18.3678



19.1269, 22.5106, 35.1975

Rectangle

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



24.8590, 22.5106, 31.8889



25.5589, 22.5106, 21.7341



18.2699, 22.5106, 18.3678



17.7110, 22.5106, 27.5132

Sweetspot

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



24.8597, 22.5116, 31.8894



48.5689, 48.8006, 57.7808



20.6646, 20.6060, 31.7427



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.



24.8597, 22.5116, 31.8894



42.6169, 37.3149, 55.8776



24.0820, 22.2217, 26.8383



6.0151, 5.8988, 7.2913



14.2047, 6.7953, 24.4940



0.1790, 0.0858, 0.3000

Inverse Universe

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



23.1131, 21.8341, 21.7359



39.0137, 35.9185, 34.8779



23.2782, 27.6888, 26.8926



5.8087, 5.8185, 6.0987



10.4586, 5.3885, 0.6300



0.1297, 0.0666, 0.0165

Previews

White Background



This preview shows how the XYZ color 24.8590, 22.5106, 31.8889 looks on a white background.

Color Contrast Check

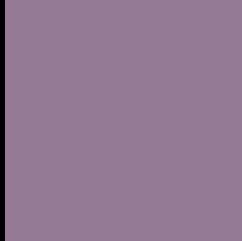
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8590, 22.5106, 31.8889 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 24.8590, 22.5106, 31.8889

Background



This preview shows how black text looks on a background with the XYZ color 24.8590, 22.5106, 31.8889.



This preview shows how white text looks on a background with the XYZ color 24.8590, 22.5106,

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

24.8590, 22.5106, 31.8889

Protanopia

22.5032, 22.7674, 34.2189

Deuteranopia

23.0059, 22.4996, 31.5641



Tritanopia

23.6693, 22.5915, 25.6673

Trichromacy



Original Color

24.8590, 22.5106, 31.8889

Protanomaly

23.1707, 22.5470, 33.2678

Deuteranomaly

23.5736, 22.4126, 31.5174

Tritanomaly

24.1540, 22.6047, 27.9010

Monochromacy



Original Color

24.8590, 22.5106, 31.8889

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.1579, 23.0536, 27.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8590, 22.5106, 31.8889 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(149, 122, 150)` looks like.

```
.text, #text, p{  
    color:rgb(149, 122, 150)  
}
```

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(149, 122, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 122, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.8590, 22.5106, 31.8889 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(149, 122, 150) }
```


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

```
.border{ border-color:rgb(149, 122, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 122, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 122, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 122, 150);  
box-shadow:4px 4px 4px 4px rgb(149, 122,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8590, 22.5106, 31.8889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 122, 150) }
```

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

```
.background{ background-color: rgb(149,  
122, 150) }
```

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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