

Converting Colors

XYZ(22.9259, 22.4491, 31.9789)

Have a look what the booklet for
XYZ(22.9259, 22.4491, 31.9789)
contains.

XYZ(22.9259, 22.4491, 31.9789)	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(22.9259, 22.4491,
31.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	867F96
RGB	134, 127, 150
RGB Percent	53%, 50%, 59%
CMY	0.4745, 0.5019, 0.4118
CMYK	0.11, 0.15, 0.00, 0.41
HSL	258°, 10%, 54%
HSV	258°, 15%, 59%
XYZ	22.9259, 22.4491, 31.9789
YIQ	131.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

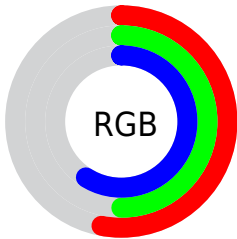
Format	Color
R_{YB}	134, 127, 150
Decimal	8814486
CIE _{Lab}	54.50, 7.36, -11.39
CIE _{LCh}	55, 13.563, 302.877
Yxy	22.4491, 0.2964, 0.2902
Android (android.graphics.Color)	4287004566 (0xFF867F96)
YUV	131.7150, 9.0145, 2.0039
Hunter-Lab	47.3805, 3.4546, -6.8508

Details

The XYZ color **22.9259, 22.4491, 31.9789** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.0656, 29.1852, 24.3393**, and the grayscale version is **21.7996, 22.9348, 24.9760**.

A 20% lighter version of the original color is **47.7139, 47.5669, 63.7933**, and **8.6327, 8.2344, 12.9388** is the 20% darker color. If you saturate the color by 10%, you get **19.5491, 18.0439, 31.3069**, and if you desaturate by 10%, it is **26.7566, 27.5177, 32.7557**.

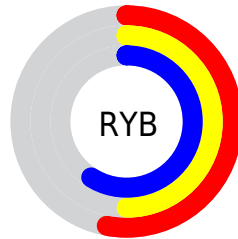
Distribution



Red (53%)

Green (50%)

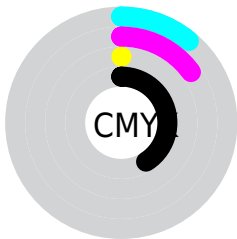
Blue (59%)



Red (53%)

Yellow (50%)

Blue (59%)

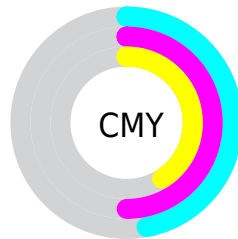


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (41%)



Cyan (47%)

Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9259, 22.4491, 31.9789 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 22.9259, 22.4491, 31.9789 by changing the saturation by 10% instead.

■ 22.9259, 22.4491,
31.9789

■ 22.9259, 22.4491,
31.9789

259.8866,
264.8827, 325.5129

■ 14.6592, 14.1873,
21.0807

■ 47.7392, 47.4871,
63.8755

■ 8.6653, 8.2510,
12.9912

■ 65.0165, 65.0321,
85.7110

■ 4.5789, 4.2560,
7.2918

■ 86.0280, 86.4403,
112.0294

■ 2.0346, 1.8178,
3.5641

111.1391,
112.0961, 143.2492

■ 0.6533, 0.4982,
1.3894

140.7152,
142.3838, 179.7888

■ 0.0000, 0.0000,
0.1334

175.1215,

■ 0.0000, 0.0000,

177.6879, 222.0670

0.0000

214.7236,
218.3927, 270.5022

■ 22.9259, 22.4491,
31.9789

■ 22.9259, 22.4491,
31.9789

■ 19.5491, 18.0439,
31.3069

■ 26.7566, 27.5177,
32.7557

■ 16.6068, 14.2713,
30.7338

■ 31.0557, 33.2731,
33.6400

■ 14.0811, 11.1026,
30.2553

■ 35.8395, 39.7408,
34.6363

■ 11.9519, 8.5053,
29.8662

■ 41.1228, 46.9444,
35.7482

■ 10.1975, 6.4442,
29.5609

■ 46.9198, 54.9064,
36.9795

■ 8.7938, 4.8796,
29.3328

■ 53.2442, 63.6480,
38.3335

■ 7.7135, 3.7665,
29.1749

■ 60.1090, 73.1901,
39.8135

■ 6.9221, 3.0454,
29.0774

■ 67.5271, 83.5522,
41.4226

■ 6.6158, 2.7746,
29.0413

■ 73.2352, 90.2032,
42.4055

Harmonies

Analogous

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



21.4809, 22.4491, 33.5594



22.9259, 22.4491, 31.9789



23.9823, 22.4491, 28.3665

Triad

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



22.9259, 22.4491, 31.9789



22.6664, 22.4491, 17.8603



18.6092, 22.4491, 24.8562

Complementary

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



22.9259, 22.4491, 31.9789



26.0656, 29.1852, 24.3393

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.



18.8941, 22.4491, 20.8995



22.9259, 22.4491, 31.9789



21.1941, 22.4491, 17.1484

Square

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



22.9259, 22.4491, 31.9789



23.8276, 22.4491, 20.2654



19.8236, 22.4491, 18.1955



19.0266, 22.4491, 29.1592

Rectangle

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



22.9259, 22.4491, 31.9789



24.2995, 22.4491, 25.4720



19.8236, 22.4491, 18.1955



18.6260, 22.4491, 23.4426

Sweetspot

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



22.9266, 22.4500, 31.9794



47.3864, 48.7849, 57.8402



24.0957, 26.3897, 32.6782



10.4010, 10.6777, 12.7976



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.



22.9266, 22.4500, 31.9794



38.5752, 37.1473, 56.0583



24.8428, 23.4379, 32.0691



5.6556, 5.7134, 7.2745



5.5166, 2.3165, 24.0874



0.0947, 0.0424, 0.2961

Inverse Universe

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



25.1257, 23.6469, 29.2277



43.1470, 39.6369, 50.2774



24.1911, 28.2189, 24.2516



5.9609, 5.8794, 6.9003



12.5337, 6.2185, 11.5575



0.1666, 0.0814, 0.2107

Previews

White Background



This preview shows how the XYZ color 22.9259, 22.4491, 31.9789 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 22.9259, 22.4491, 31.9789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

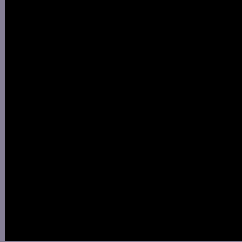
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.9259, 22.4491, 31.9789

Background



This preview shows how black text looks on a background with the XYZ color 22.9259, 22.4491, 31.9789.



This preview shows how white text looks on a background with the XYZ color 22.9259, 22.4491,

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

22.9259, 22.4491, 31.9789

Protanopia

22.1219, 22.4031, 32.8640

Deuteranopia

22.9259, 22.4491, 31.9789



Tritanopia

22.0262, 22.4701, 27.6024

Trichromacy



Original Color

22.9259, 22.4491, 31.9789

Protanomaly

22.3583, 22.3398, 32.4118

Deuteranomaly

22.9259, 22.4491, 31.9789

Tritanomaly

22.3500, 22.4081, 29.1338

Monochromacy



Original Color

22.9259, 22.4491, 31.9789

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3157, 22.8159, 27.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9259, 22.4491, 31.9789 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(134, 127, 150)` looks like.

```
.text, #text, p{  
    color:rgb(134, 127, 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(134, 127, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 127, 150) }
```

Border

The CSS property to change the border of an element to XYZ 22.9259, 22.4491, 31.9789 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(134, 127, 150) }
```


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

```
.border{ border-color:rgb(134, 127, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 127, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 127, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 127, 150);  
box-shadow:4px 4px 4px 4px rgb(134, 127,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9259, 22.4491, 31.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 127, 150) }
```

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

```
.background{ background-color: rgb(134,  
127, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor