

Converting Colors

XYZ(22.9129, 21.8929, 39.5773)

Have a look what the booklet for
XYZ(22.9129, 21.8929, 39.5773)
contains.

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Color

**XYZ(22.9129, 21.8929,
39.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7DA7
RGB	126, 125, 167
RGB Percent	49%, 49%, 65%
CMY	0.5059, 0.5098, 0.3451
CMYK	0.25, 0.25, 0.00, 0.35
HSL	241°, 19%, 57%
HSV	241°, 25%, 65%
XYZ	22.9129, 21.8929, 39.5773
YIQ	130.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

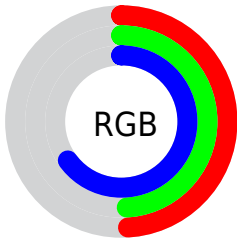
Format	Color
R_{YB}	126, 125, 167
Decimal	8289703
CIE _{Lab}	53.91, 9.83, -22.19
CIE _{LCh}	54, 24.275, 293.898
Yxy	21.8929, 0.2715, 0.2594
Android (android.graphics.Color)	4286479783 (0xFF7E7DA7)
YUV	130.0870, 18.1981, -3.5843
Hunter-Lab	46.7898, 5.5289, -17.3977

Details

The XYZ color **22.9129, 21.8929, 39.5773** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **33.2468, 37.2255, 24.8359**, and the grayscale version is **21.1904, 22.2939, 24.2781**.

A 20% lighter version of the original color is **47.6956, 46.6984, 75.6071**, and **8.6594, 7.9432, 17.2964** is the 20% darker color. If you saturate the color by 10%, you get **18.7628, 16.8749, 38.8278**, and if you desaturate by 10%, it is **27.8117, 27.8255, 40.4646**.

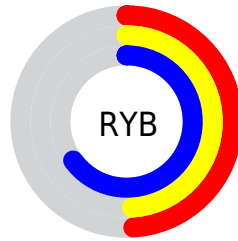
Distribution



Red (49%)

Green (49%)

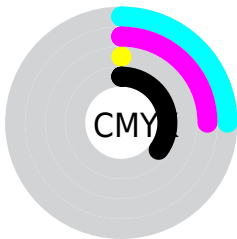
Blue (65%)



Red (49%)

Yellow (49%)

Blue (65%)

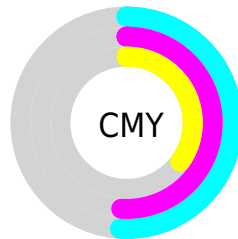


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9129, 21.8929, 39.5773 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 22.9129, 21.8929, 39.5773 by changing the saturation by 10% instead.

■ 22.9129, 21.8929,
39.5773

■ 22.9129, 21.8929,
39.5773

259.8210,
261.9865, 359.8377

■ 14.6495, 13.7782,
26.8978

■ 47.7180, 46.5689,
75.7494

■ 8.6585, 7.9666,
17.2648

■ 64.9904, 63.8991,
100.0792

■ 4.5744, 4.0736,
10.2595

■ 85.9966, 85.0698,
129.1295

■ 2.0320, 1.7148,
5.4635

111.1019,
110.4655, 163.3189

■ 0.6518, 0.4332,
2.4582

140.6716,
140.4707, 203.0658

■ 0.0000, 0.0000,
0.8179

175.0711,

■ 0.0000, 0.0000,

175.4696, 248.7889

0.0000

214.6658,
215.8468, 300.9067

■ 22.9129, 21.8929,
39.5773

■ 22.9129, 21.8929,
39.5773

■ 18.7628, 16.8749,
38.8278

■ 27.8117, 27.8255,
40.4646

■ 15.3224, 12.7236,
38.2079

■ 33.4912, 34.7123,
41.4945

■ 12.5528, 9.3907,
37.7105

■ 39.9842, 42.5937,
42.6736

■ 10.4101, 6.8221,
37.3277

■ 47.3209, 51.5068,
44.0073

■ 8.8454, 4.9573,
37.0502

■ 55.5302, 61.4873,
45.5010

■ 7.8026, 3.7264,
36.8676

■ 64.6393, 72.5686,
47.1598

■ 7.2131, 3.0433,
36.7668

■ 74.6745, 84.7831,
48.9886

■ 7.0249, 2.8157,
36.7328

■ 83.9751, 95.5700,
50.5805

Harmonies

Analogous

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



20.2786, 21.8929, 41.2163



22.9129, 21.8929, 39.5773



25.1417, 21.8929, 33.3699

Triad

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



22.9129, 21.8929, 39.5773



23.9143, 21.8929, 13.9923



16.1983, 21.8929, 22.3395

Complementary

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



22.9129, 21.8929, 39.5773



33.2468, 37.2255, 24.8359

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.



17.0043, 21.8929, 16.3191



22.9129, 21.8929, 39.5773



21.3476, 21.8929, 12.1939

Square

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



22.9129, 21.8929, 39.5773



25.7529, 21.8929, 18.4664



18.8371, 21.8929, 12.9464



16.5414, 21.8929, 30.1608

Rectangle

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



22.9129, 21.8929, 39.5773



26.0234, 21.8929, 28.0590



18.8371, 21.8929, 12.9464



16.3415, 21.8929, 20.0625

Sweetspot

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



22.9136, 21.8938, 39.5778



56.7819, 58.2875, 73.7332



29.1239, 34.5321, 41.6899



12.3672, 12.6319, 16.4385



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.9136, 21.8938, 39.5778



36.8639, 34.1629, 70.1264



26.2883, 23.6335, 39.7357



7.1477, 7.3087, 9.4523



5.3814, 2.1577, 28.1083



0.1359, 0.0551, 0.6841

Inverse Universe

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



30.1535, 25.6367, 39.4360



52.0164, 41.9974, 69.7911



29.2510, 35.1656, 24.6489



7.8341, 7.6635, 9.4435



17.2578, 8.3118, 27.2327



0.4222, 0.2032, 0.6748

Previews

White Background



This preview shows how the XYZ color 22.9129, 21.8929, 39.5773 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 22.9129, 21.8929, 39.5773 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 22.9129, 21.8929, 39.5773

Background



This preview shows how black text looks on a background with the XYZ color 22.9129, 21.8929, 39.5773.



This preview shows how white text looks on a background with the XYZ color 22.9129, 21.8929,

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

22.9129, 21.8929, 39.5773

Protanopia

22.2220, 21.8949, 40.5910

Deuteranopia

22.4496, 22.0337, 39.6289



Tritanopia

20.6014, 21.9237, 27.9568

Trichromacy



Original Color

22.9129, 21.8929, 39.5773

Protanomaly

22.4139, 21.8138, 40.0749

Deuteranomaly

22.6043, 21.9227, 39.5993

Tritanomaly

21.3926, 21.8513, 31.9444

Monochromacy



Original Color

22.9129, 21.8929, 39.5773

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7304, 22.0886, 29.1048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9129, 21.8929, 39.5773 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(126, 125, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 125, 167)  
}
```

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(126, 125, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 125, 167) }
```

Border

The CSS property to change the border of an element to XYZ 22.9129, 21.8929, 39.5773 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(126, 125, 167) }
```


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

```
.border{ border-color:rgb(126, 125, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 125, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 125, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 125, 167);  
box-shadow:4px 4px 4px 4px rgb(126, 125,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9129, 21.8929, 39.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 125, 167) }
```

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

```
.background{ background-color: rgb(126,  
125, 167) }
```

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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