

Converting Colors

XYZ(24.2913, 24.7971, 39.5824)

Have a look what the booklet for
XYZ(24.2913, 24.7971, 39.5824)
contains.

XYZ(24.2913, 24.7971, 39.5824)	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(24.2913, 24.7971,
39.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	7E88A6
RGB	126, 136, 166
RGB Percent	49%, 53%, 65%
CMY	0.5059, 0.4667, 0.3490
CMYK	0.24, 0.18, 0.00, 0.35
HSL	225°, 18%, 57%
HSV	225°, 24%, 65%
XYZ	24.2913, 24.7971, 39.5824
YIQ	136.4300, -15.5900, 7.2100

Conversions

Conversions Part 2

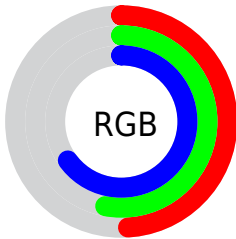
Format	Color
R_{YB}	126, 134, 166
Decimal	8292518
CIE _{Lab}	56.88, 3.18, -17.09
CIE _{LCh}	57, 17.382, 280.532
Y _{xy}	24.7971, 0.2739, 0.2797
Android (android.graphics.Color)	4286482598 (0xFF7E88A6)
Y _{UV}	136.4300, 14.5780, -9.1471
Hunter-Lab	49.7967, -0.0702, -12.2708

Details

The XYZ color **24.2913, 24.7971, 39.5824** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.3806, 33.3905, 24.5305**, and the grayscale version is **23.5148, 24.7394, 26.9412**.

A 20% lighter version of the original color is **49.8391, 51.1994, 75.6623**, and **9.3455, 9.4070, 17.2428** is the 20% darker color. If you saturate the color by 10%, you get **20.3910, 20.3335, 38.9268**, and if you desaturate by 10%, it is **28.8030, 29.8795, 40.3260**.

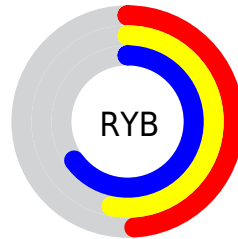
Distribution



Red (49%)

Green (53%)

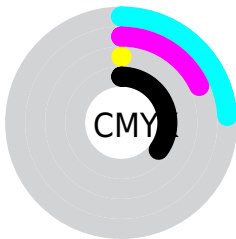
Blue (65%)



Red (49%)

Yellow (53%)

Blue (65%)

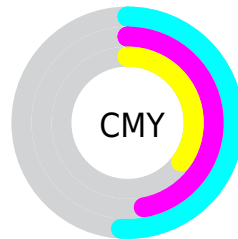


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2913, 24.7971, 39.5824 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 24.2913, 24.7971, 39.5824 by changing the saturation by 10% instead.

■ 24.2913, 24.7971,
39.5824

■ 24.2913, 24.7971,
39.5824

266.7031,
276.8260, 359.8599

■ 15.6758, 15.9260,
26.9018

■ 49.9564, 51.3279,
75.7573

■ 9.3844, 9.4718,
17.2677

■ 67.7366, 69.7563,
100.0887

■ 5.0519, 5.0502,
10.2616

■ 89.3024, 92.1392,
129.1407

■ 2.3128, 2.2767,
5.4649

115.0192,
118.8611, 163.3320

■ 0.8012, 0.7613,
2.4590

145.2523,
150.3064, 203.0810

■ 0.0000, 0.0000,
0.8183

180.3671,

■ 0.0000, 0.0000,

186.8593, 248.8063

0.0000

220.7289,
228.9044, 300.9264

■ 24.2913, 24.7971,
39.5824

■ 24.2913, 24.7971,
39.5824

■ 20.3910, 20.3335,
38.9268

■ 28.8030, 29.8795,
40.3260

■ 17.0729, 16.4615,
38.3543

■ 33.9490, 35.6004,
41.1590

■ 14.3087, 13.1562,
37.8620

■ 39.7540, 41.9826,
42.0850

■ 12.0666, 10.3897,
37.4462

■ 46.2405, 49.0466,
43.1066

■ 10.3118, 8.1316,
37.1029

■ 53.4298, 56.8120,
44.2265

■ 9.0044, 6.3482,
36.8275

■ 61.3426, 65.2979,
45.4474

■ 8.0980, 5.0010,
36.6153

■ 69.9986, 74.5223,
46.7717

■ 7.6935, 4.3742,
36.5156

■ 78.0035, 83.7742,
48.1356

■ 81.7058, 91.1788,
49.3697

Harmonies

Analogous

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



22.2888, 24.7971, 39.0021



24.2913, 24.7971, 39.5824



26.2041, 24.7971, 36.4430

Triad

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



24.2913, 24.7971, 39.5824



26.6694, 24.7971, 20.3530



20.0692, 24.7971, 23.4349

Complementary

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



24.2913, 24.7971, 39.5824



31.3806, 33.3905, 24.5305

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.



21.1166, 24.7971, 19.3475



24.2913, 24.7971, 39.5824



24.8971, 24.7971, 17.7533

Square

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



24.2913, 24.7971, 39.5824



27.6286, 24.7971, 25.0031



22.8610, 24.7971, 17.4138



19.9278, 24.7971, 29.1002

Rectangle

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



24.2913, 24.7971, 39.5824



27.1420, 24.7971, 32.8957



22.8610, 24.7971, 17.4138



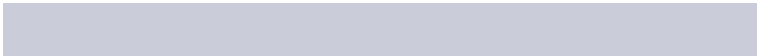
20.3240, 24.7971, 21.8542

Sweetspot

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



24.2921, 24.7981, 39.5830



58.6550, 61.3348, 74.2226



28.1854, 34.0863, 36.2516



13.0060, 13.5925, 16.5903



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.



24.2921, 24.7981, 39.5830



40.0992, 40.4590, 71.1712



24.3899, 22.8542, 39.2026



7.2786, 7.5940, 9.5005



5.9983, 3.4567, 28.3266



0.1852, 0.1627, 0.7023

Inverse Universe

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



27.6313, 24.8070, 26.6255



47.2976, 40.6766, 43.1947



31.2423, 35.9139, 25.0249



7.6052, 7.5719, 8.2382



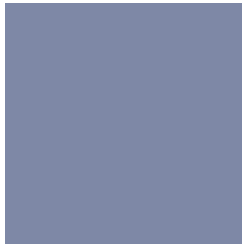
12.5282, 6.4200, 2.3273



0.3246, 0.1641, 0.1610

Previews

White Background



This preview shows how the XYZ color 24.2913, 24.7971, 39.5824 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 24.2913, 24.7971, 39.5824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

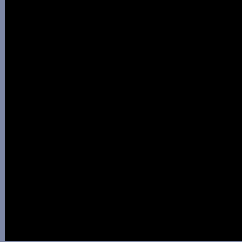
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2913, 24.7971, 39.5824

Background



This preview shows how black text looks on a background with the XYZ color 24.2913, 24.7971, 39.5824.



This preview shows how white text looks on a background with the XYZ color 24.2913, 24.7971,

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

24.2913, 24.7971, 39.5824

Protanopia

24.6614, 24.7904, 39.0825

Deuteranopia

25.1941, 24.6334, 39.9861



Tritanopia

22.9060, 24.8782, 32.4489

Trichromacy



Original Color

24.2913, 24.7971, 39.5824

Protanomaly

24.5088, 24.7117, 39.0754

Deuteranomaly

24.8602, 24.6655, 40.0099

Tritanomaly

23.4014, 24.8623, 35.0180

Monochromacy



Original Color

24.2913, 24.7971, 39.5824

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5863, 24.6204, 31.1128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2913, 24.7971, 39.5824 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, 136, 166)` looks like.

```
.text, #text, p{  
    color:rgb(126, 136, 166)  
}
```

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, 136, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 136, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.2913, 24.7971, 39.5824 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, 136, 166) }
```


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

```
.border{ border-color:rgb(126, 136, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 136, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 136, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 136, 166);  
box-shadow:4px 4px 4px 4px rgb(126, 136,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2913, 24.7971, 39.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 136, 166) }
```

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

```
.background{ background-color: rgb(126,  
136, 166) }
```

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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