

Converting Colors

XYZ(22.4402, 24.1959, 29.7347)

Have a look what the booklet for
XYZ(22.4402, 24.1959, 29.7347)
contains.

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Color

**XYZ(22.5839, 24.3406,
29.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8990
RGB	126, 137, 144
RGB Percent	49%, 54%, 56%
CMY	0.5059, 0.4627, 0.4353
CMYK	0.12, 0.05, 0.00, 0.44
HSL	203°, 8%, 53%
HSV	203°, 12%, 56%
XYZ	22.5839, 24.3406, 29.8935
YIQ	134.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

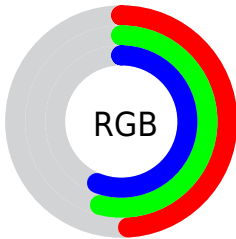
Format	Color
R_{YB}	126, 133, 144
Decimal	8292752
CIE _{Lab}	56.43, -2.50, -5.11
CIE _{LCh}	56, 5.691, 243.955
Yxy	24.3406, 0.2940, 0.3169
Android (android.graphics.Color)	4286482832 (0xFF7E8990)
YUV	134.5090, 4.6791, -7.4624
Hunter-Lab	49.3362, -4.6290, -1.3893

Details

The XYZ color **22.5839, 24.3406, 29.8935** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6551, 24.2105, 23.1654**, and the grayscale version is **22.8336, 24.0228, 26.1608**.

A 20% lighter version of the original color is **47.1969, 50.4878, 60.6837**, and **8.4891, 9.2023, 11.9185** is the 20% darker color. If you saturate the color by 10%, you get **19.8364, 21.7739, 29.5433**, and if you desaturate by 10%, it is **25.6798, 27.1495, 30.2729**.

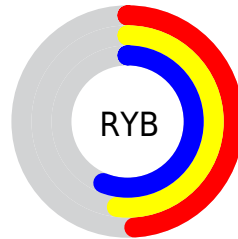
Distribution



Red (49%)

Green (54%)

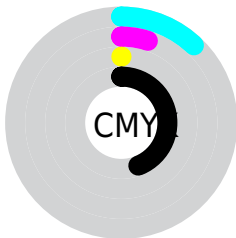
Blue (56%)



Red (49%)

Yellow (52%)

Blue (56%)

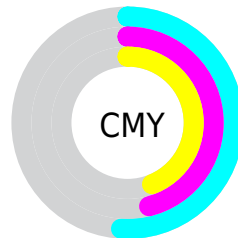


Cyan (12%)

Magenta (5%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5839, 24.3406, 29.8935 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 22.5839, 24.3406, 29.8935 by changing the saturation by 10% instead.

■ 22.5839, 24.3406,
29.8935

■ 22.5839, 24.3406,
29.8935

258.1560,
274.5379, 315.5996

■ 14.4056, 15.5865,
19.5064

■ 47.1809, 50.5854,
60.5527

■ 8.4869, 9.2320,
11.8563

■ 64.3302, 68.8449,
81.6619

■ 4.4624, 4.8928,
6.5245

■ 85.2007, 91.0417,
107.1823

■ 1.9669, 2.1845,
3.0927

110.1575,
117.5601, 137.5322

■ 0.6153, 0.7115,
1.1421

139.5661,
148.7845, 173.1304

■ 0.0000, 0.0000,
0.0000

173.7918,

185.0994, 214.3953

213.2000,
226.8890, 261.7455

■ 22.5839, 24.3406,
29.8935

■ 22.5839, 24.3406,
29.8935

■ 19.8364, 21.7739,
29.5433

■ 25.6798, 27.1495,
30.2729

■ 17.4215, 19.4384,
29.2198

■ 29.1349, 30.2051,
30.6806

■ 15.3254, 17.3267,
28.9226

■ 32.9619, 33.5156,
31.1179

■ 13.5324, 15.4298,
28.6510

■ 37.1724, 37.0877,
31.5854

■ 12.0254, 13.7377,
28.4038

■ 41.7775, 40.9280,
32.0840

■ 10.7852, 12.2398,
28.1800

■ 46.7876, 45.0428,
32.6141

■ 9.7904, 10.9237,
27.9785

■ 52.2131, 49.4381,
33.1766

■ 9.0155, 9.7754,
27.7976

■ 58.0637, 54.1198,
33.7719

■ 8.5253, 8.9961,
27.6731

■ 64.1269, 58.9791,
34.3902

Harmonies

Analogous

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



22.1013, 24.3406, 28.5786



22.5839, 24.3406, 29.8935



23.2224, 24.3406, 30.2846

Triad

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



22.5839, 24.3406, 29.8935



24.4203, 24.3406, 26.2536



22.4355, 24.3406, 23.6093

Complementary

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



22.5839, 24.3406, 29.8935



23.6551, 24.2105, 23.1654

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.



23.0479, 24.3406, 23.0497



22.5839, 24.3406, 29.8935



24.2005, 24.3406, 24.5299

Square

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



22.5839, 24.3406, 29.8935



24.2905, 24.3406, 28.1259



23.6950, 24.3406, 23.3787



22.0168, 24.3406, 24.9434

Rectangle

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



22.5839, 24.3406, 29.8935



23.6525, 24.3406, 29.9541



23.6950, 24.3406, 23.3787



22.6251, 24.3406, 23.3273

Sweetspot

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



22.5846, 24.3416, 29.8940



44.3871, 47.0724, 53.2845



22.8046, 26.0733, 25.9852



10.0889, 10.7137, 12.2084



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.5846, 24.3416, 29.8940



38.4116, 41.6185, 52.5467



21.3709, 21.9141, 29.4895



5.3866, 5.7690, 6.8584



7.4471, 7.8802, 24.1056



0.0927, 0.1183, 0.2376

Inverse Universe

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



23.4784, 22.6576, 26.8041



40.3187, 38.0960, 45.9376



24.9260, 26.7523, 23.5890



5.5386, 5.4760, 6.3343



11.5621, 5.7818, 8.6111



0.1214, 0.0596, 0.1394

Previews

White Background



This preview shows how the XYZ color 22.5839, 24.3406, 29.8935 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 22.5839, 24.3406, 29.8935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

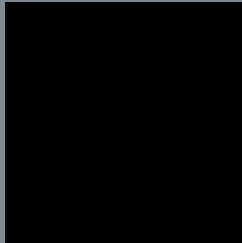
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

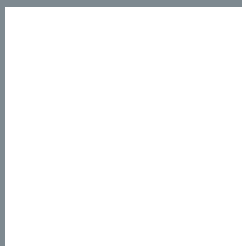
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5839, 24.3406, 29.8935

Background



This preview shows how black text looks on a background with the XYZ color 22.5839, 24.3406, 29.8935.



This preview shows how white text looks on a background with the XYZ color 22.5839, 24.3406,

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

22.5839, 24.3406, 29.8935

Protanopia

23.3993, 24.1541, 29.0201

Deuteranopia

24.7287, 24.2062, 30.1570



Tritanopia

22.8230, 24.2269, 31.0771

Trichromacy



Original Color

22.5839, 24.3406, 29.8935

Protanomaly

23.1376, 24.2166, 29.4414

Deuteranomaly

23.8149, 24.1378, 30.1919

Tritanomaly

22.7449, 24.1957, 30.6656

Monochromacy



Original Color

22.5839, 24.3406, 29.8935

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9073, 24.3488, 27.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5839, 24.3406, 29.8935 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, 137, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 137, 144)  
}
```

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, 137, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 137, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.5839, 24.3406, 29.8935 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, 137, 144) }
```


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

```
.border{ border-color:rgb(126, 137, 144) }
```

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

Here you see how a box with a 4 pixel rgb(126, 137, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 137, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 137, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 137,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5839, 24.3406, 29.8935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 137, 144) }
```

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

```
.background{ background-color: rgb(126,  
137, 144) }
```

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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