

Converting Colors

XYZ(23.4182, 23.4364, 44.9698)

Have a look what the booklet for
XYZ(23.4182, 23.4364, 44.9698)
contains.

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Color

**XYZ(23.3895, 23.3899,
44.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	7484B1
RGB	116, 132, 177
RGB Percent	45%, 52%, 69%
CMY	0.5451, 0.4823, 0.3059
CMYK	0.34, 0.25, 0.00, 0.31
HSL	224°, 28%, 57%
HSV	224°, 34%, 69%
XYZ	23.3895, 23.3899, 44.8769
YIQ	132.3460, -23.9810, 10.6030

Conversions

Conversions Part 2

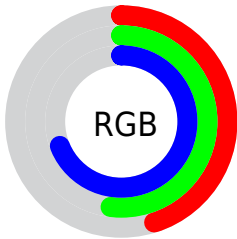
Format	Color
R_{YB}	116, 129, 177
Decimal	7636145
CIE Lab	55.47, 5.26, -25.61
CIE LCh	55, 26.147, 281.604
Yxy	23.3899, 0.2552, 0.2552
Android (android.graphics.Color)	4285826225 (0xFF7484B1)
YUV	132.3460, 22.0144, -14.3354
Hunter-Lab	48.3631, 1.6912, -21.1620

Details

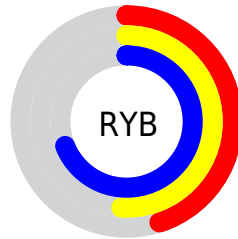
The XYZ color **23.3895, 23.3899, 44.8769** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.0290, 36.0980, 21.6977**, and the grayscale version is **21.9868, 23.1318, 25.1906**.

A 20% lighter version of the original color is **48.6345, 49.1272, 84.0100**, and **8.9113, 8.7656, 20.2910** is the 20% darker color. If you saturate the color by 10%, you get **19.5959, 18.9686, 44.2239**, and if you desaturate by 10%, it is **27.8546, 28.4874, 45.6259**.

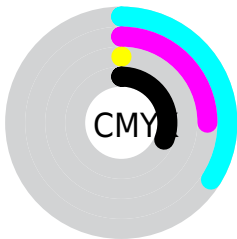
Distribution



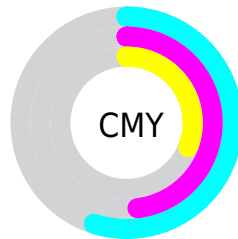
- Red (45%)
- Green (52%)
- Blue (69%)



- Red (45%)
- Yellow (51%)
- Blue (69%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (55%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3895, 23.3899, 44.8769 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 23.3895, 23.3899, 44.8769 by changing the saturation by 10% instead.

■ 23.3895, 23.3899,
44.8769

■ 23.3895, 23.3899,
44.8769

262.2174,
269.7213, 382.4204

■ 15.0036, 14.8817,
31.0182

■ 48.4941, 49.0328,
83.8521

■ 8.9083, 8.7364,
20.3542

■ 65.9435, 66.9362,
109.8058

■ 4.7380, 4.5696,
12.4661

■ 87.1448, 88.7401,
140.6282

■ 2.1276, 1.9970,
6.9356

112.4634,
114.8289, 176.7379

■ 0.7041, 0.6058,
3.3440

142.2646,
145.5871, 218.5534

■ 0.0000, 0.0000,
1.2729

176.9138,

■ 0.0000, 0.0000,

181.3989, 266.4933

0.0394

216.7762,
222.6489, 320.9761

■ 0.0000, 0.0000,
0.0000

■ 23.3895, 23.3899,
44.8769

■ 23.3895, 23.3899,
44.8769

■ 19.5959, 18.9686,
44.2239

■ 27.8546, 28.4874,
45.6259

■ 16.4378, 15.1913,
43.6612

■ 33.0200, 34.2859,
46.4729

■ 13.8791, 12.0270,
43.1853

■ 38.9159, 40.8124,
47.4219

■ 11.8791, 9.4412,
42.7916

■ 45.5697, 48.0914,
48.4762

■ 10.3916, 7.3950,
42.4751

■ 53.0075, 56.1465,
49.6389

■ 9.3620, 5.8444,
42.2300

■ 61.2542, 65.0000,
50.9132

■ 8.9297, 5.1621,
42.1211

■ 70.3335, 74.6734,
52.3018

■ 79.3039, 84.6904,
53.7625

■ 83.2116, 92.5058,
55.0651

Harmonies

Analogous

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



20.4924, 23.3899, 44.1555



23.3895, 23.3899, 44.8769



26.2056, 23.3899, 39.6148

Triad

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



23.3895, 23.3899, 44.8769



26.7384, 23.3899, 16.1490



17.2811, 23.3899, 20.6864

Complementary

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



23.3895, 23.3899, 44.8769



34.0290, 36.0980, 21.6977

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.



18.6808, 23.3899, 15.1671



23.3895, 23.3899, 44.8769



24.0661, 23.3899, 12.9741

Square

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



23.3895, 23.3899, 44.8769



28.2500, 23.3899, 22.3441



21.1122, 23.3899, 12.6595



17.1348, 23.3899, 28.8695

Rectangle

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



23.3895, 23.3899, 44.8769



27.5919, 23.3899, 33.9814



21.1122, 23.3899, 12.6595



17.6145, 23.3899, 18.5098

Sweetspot

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



23.3903, 23.3908, 44.8774



63.5056, 66.2583, 83.9373



29.3347, 37.7216, 39.3305



13.4549, 14.0178, 18.1409



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.3903, 23.3908, 44.8774



36.8557, 36.0416, 79.5095



23.4236, 20.4301, 44.3042



8.2172, 8.5807, 10.7295



6.5131, 3.8265, 30.5323



0.2535, 0.2176, 0.9769

Inverse Universe

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



28.5423, 23.5045, 24.8633



47.5463, 36.7227, 37.8800



33.9315, 40.4676, 22.5463



8.5848, 8.5407, 9.3122



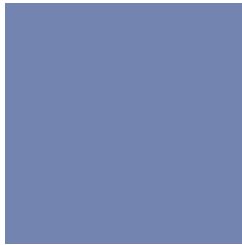
13.5222, 6.9264, 2.6437



0.4500, 0.2277, 0.2123

Previews

White Background



This preview shows how the XYZ color 23.3895, 23.3899, 44.8769 looks on a white background.

Color Contrast Check

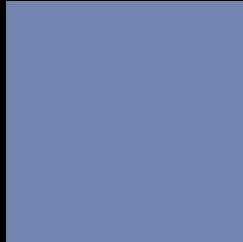
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3895, 23.3899, 44.8769 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

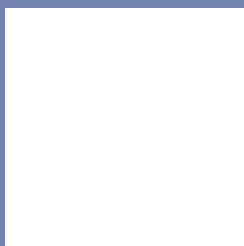
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3895, 23.3899, 44.8769

Background



This preview shows how black text looks on a background with the XYZ color 23.3895, 23.3899, 44.8769.



This preview shows how white text looks on a background with the XYZ color 23.3895, 23.3899,

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

23.3895, 23.3899, 44.8769

Protanopia

23.6985, 23.3603, 44.3342

Deuteranopia

23.9373, 23.4719, 44.8639



Tritanopia

20.5976, 23.2806, 31.4250

Trichromacy



Original Color

23.3895, 23.3899, 44.8769

Protanomaly

23.5605, 23.2891, 44.3278

Deuteranomaly

23.6599, 23.3289, 44.8509

Tritanomaly

21.6041, 23.2759, 36.1549

Monochromacy



Original Color

23.3895, 23.3899, 44.8769

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2007, 23.0763, 31.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3895, 23.3899, 44.8769 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(116, 132, 177)` looks like.

```
.text, #text, p{  
    color:rgb(116, 132, 177)  
}
```

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(116, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 132, 177) }
```

Border

The CSS property to change the border of an element to XYZ 23.3895, 23.3899, 44.8769 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(116, 132, 177) }
```


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

```
.border{ border-color:rgb(116, 132, 177) }
```

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

Here you see how a box with a 4 pixel rgb(116, 132, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 132, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 132, 177);  
box-shadow:4px 4px 4px 4px rgb(116, 132,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3895, 23.3899, 44.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 132, 177) }
```

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

```
.background{ background-color: rgb(116,  
132, 177) }
```

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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