

Converting Colors

XYZ(24.8476, 23.4626, 39.7783)

Have a look what the booklet for
XYZ(24.8476, 23.4626, 39.7783)
contains.

XYZ(24.8476, 23.4626, 39.7783)	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(24.8476, 23.4626,
39.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	8880A7
RGB	136, 128, 167
RGB Percent	53%, 50%, 65%
CMY	0.4667, 0.4980, 0.3451
CMYK	0.19, 0.23, 0.00, 0.35
HSL	252°, 18%, 58%
HSV	252°, 23%, 65%
XYZ	24.8476, 23.4626, 39.7783
YIQ	134.8380, -7.7510, 13.8250

Conversions

Conversions Part 2

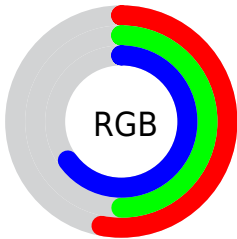
Format	Color
R_{YB}	136, 128, 167
Decimal	8945831
CIE _{Lab}	55.55, 11.32, -19.62
CIE _{LCh}	56, 22.652, 299.984
Yxy	23.4626, 0.2821, 0.2664
Android (android.graphics.Color)	4287135911 (0xFF8880A7)
YUV	134.8380, 15.8559, 1.0191
Hunter-Lab	48.4382, 6.7992, -14.7832

Details

The XYZ color **24.8476, 23.4626, 39.7783** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.0137, 36.5674, 25.7940**, and the grayscale version is **22.9149, 24.1083, 26.2539**.

A 20% lighter version of the original color is **50.9439, 49.2688, 75.9320**, and **9.7282, 8.8082, 17.4071** is the 20% darker color. If you saturate the color by 10%, you get **20.8221, 18.4160, 39.0168**, and if you desaturate by 10%, it is **29.5002, 29.3658, 40.6729**.

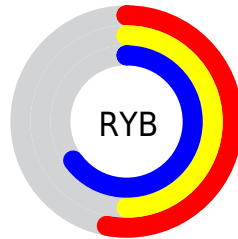
Distribution



Red (53%)

Green (50%)

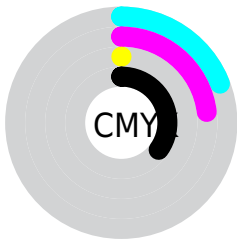
Blue (65%)



Red (53%)

Yellow (50%)

Blue (65%)

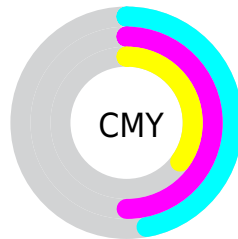


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8476, 23.4626, 39.7783 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 24.8476, 23.4626, 39.7783 by changing the saturation by 10% instead.

■ 24.8476, 23.4626,
39.7783

■ 24.8476, 23.4626,
39.7783

269.4398,
270.0922, 360.7125

■ 16.0917, 14.9355,
27.0533

■ 50.8546, 49.1518,
76.0592

■ 9.6803, 8.7741,
17.3804

■ 68.8363, 67.0827,
100.4521

■ 5.2481, 4.5941,
10.3413

■ 90.6240, 88.9169,
129.5714

■ 2.4298, 2.0112,
5.5173

116.5831,
115.0388, 163.8356

■ 0.8600, 0.6139,
2.4898

147.0788,
145.8330, 203.6633

■ 0.0000, 0.0000,
0.8348

182.4766,

■ 0.0000, 0.0000,

181.6836, 249.4730

0.0000

223.1418,
222.9752, 301.6832

■ 24.8476, 23.4626,
39.7783

■ 24.8476, 23.4626,
39.7783

■ 20.8221, 18.4160,
39.0168

■ 29.5002, 29.3658,
40.6729

■ 17.3942, 14.1831,
38.3804

■ 34.8031, 36.1601,
41.7048

■ 14.5353, 10.7215,
37.8629

■ 40.7812, 43.8817,
42.8802

■ 12.2135, 7.9838,
37.4569

■ 47.4573, 52.5638,
44.2041

■ 10.3938, 5.9174,
37.1539

■ 54.8533, 62.2379,
45.6816

■ 9.0365, 4.4622,
36.9446

■ 62.9899, 72.9344,
47.3174

■ 8.0956, 3.5471,
36.8175

■ 71.8872, 84.6819,
49.1159

■ 7.6432, 3.1345,
36.7617

■ 79.4213, 93.2224,
50.3673

■ 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.



22.2991, 23.4626, 42.3627



24.8476, 23.4626, 39.7783



26.8319, 23.4626, 33.2533

Triad

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



24.8476, 23.4626, 39.7783



24.8501, 23.4626, 15.1957



17.7386, 23.4626, 25.5429

Complementary

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



24.8476, 23.4626, 39.7783



32.0137, 36.5674, 25.7940

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.



18.3104, 23.4626, 19.1336



24.8476, 23.4626, 39.7783



22.3018, 23.4626, 13.8995

Square

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



24.8476, 23.4626, 39.7783



26.8334, 23.4626, 19.1391



19.9337, 23.4626, 15.1929



18.3092, 23.4626, 33.2454

Rectangle

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



24.8476, 23.4626, 39.7783



27.4981, 23.4626, 28.0734



19.9337, 23.4626, 15.1929



17.8029, 23.4626, 23.1765

Sweetspot

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



24.8484, 23.4636, 39.7788



58.6047, 59.9749, 73.9628



28.3104, 32.2450, 41.2913



12.9939, 13.2664, 16.5280



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.



24.8484, 23.4636, 39.7788



40.6474, 37.1746, 70.5083



28.2701, 25.2276, 39.9390



7.2702, 7.3719, 9.4581



5.8827, 2.4161, 28.1318



0.1822, 0.0789, 0.6863

Inverse Universe

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



29.9142, 26.1579, 36.2739



51.3748, 42.8846, 62.8862



28.4804, 34.7459, 25.6286



7.7750, 7.6399, 9.1323



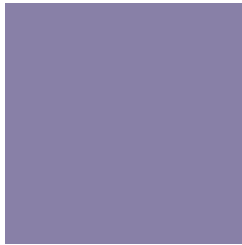
15.4387, 7.5842, 17.6538



0.3918, 0.1910, 0.5149

Previews

White Background



This preview shows how the XYZ color 24.8476, 23.4626, 39.7783 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 24.8476, 23.4626, 39.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

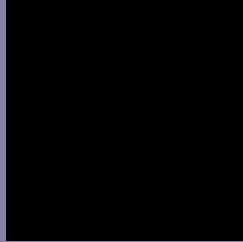
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8476, 23.4626, 39.7783

Background



This preview shows how black text looks on a background with the XYZ color 24.8476, 23.4626, 39.7783.



This preview shows how white text looks on a background with the XYZ color 24.8476, 23.4626,

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

24.8476, 23.4626, 39.7783

Protanopia

23.6753, 23.6158, 41.3407

Deuteranopia

24.0109, 23.4224, 39.8147



Tritanopia

22.7249, 23.3912, 29.3038

Trichromacy



Original Color

24.8476, 23.4626, 39.7783

Protanomaly

24.1798, 23.6864, 40.8336

Deuteranomaly

24.3410, 23.3961, 39.7922

Tritanomaly

23.4567, 23.4861, 33.0027

Monochromacy



Original Color

24.8476, 23.4626, 39.7783

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5094, 23.7600, 30.9508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8476, 23.4626, 39.7783 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(136, 128, 167)` looks like.

```
.text, #text, p{  
    color:rgb(136, 128, 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(136, 128, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 128, 167) }
```

Border

The CSS property to change the border of an element to XYZ 24.8476, 23.4626, 39.7783 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(136, 128, 167) }
```


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

```
.border{ border-color:rgb(136, 128, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 128, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 128, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 128, 167);  
box-shadow:4px 4px 4px 4px rgb(136, 128,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8476, 23.4626, 39.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 128, 167) }
```

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

```
.background{ background-color: rgb(136,  
128, 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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