

Converting Colors

XYZ(23.8540, 21.6302, 33.4901)

Have a look what the booklet for
XYZ(23.8540, 21.6302, 33.4901)
contains.

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Color

**XYZ(23.8769, 21.6057,
33.4837)**

Conversions

Conversions Part 1

Format	Color
Hex	8F789A
RGB	143, 120, 154
RGB Percent	56%, 47%, 60%
CMY	0.4392, 0.5294, 0.3961
CMYK	0.07, 0.22, 0.00, 0.40
HSL	281°, 14%, 54%
HSV	281°, 22%, 60%
XYZ	23.8769, 21.6057, 33.4837
YIQ	130.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

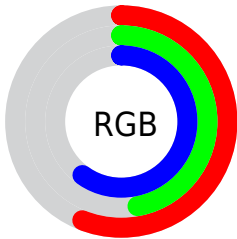
Format	Color
R _Y B	143, 120, 154
Decimal	9402522
CIE Lab	53.61, 15.46, -14.99
CIE LCh	54, 21.532, 315.896
Yxy	21.6057, 0.3024, 0.2736
Android (android.graphics.Color)	4287592602 (0xFF8F789A)
YUV	130.7530, 11.4608, 10.7406
Hunter-Lab	46.4819, 10.3487, -10.1728

Details

The XYZ color **23.8769, 21.6057, 33.4837** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.3066, 29.2931, 22.1434**, and the grayscale version is **21.4457, 22.5625, 24.5706**.

A 20% lighter version of the original color is **49.1636, 45.9294, 65.9486**, and **9.1151, 7.7611, 13.8496** is the 20% darker color. If you saturate the color by 10%, you get **21.3284, 17.7605, 32.8762**, and if you desaturate by 10%, it is **26.7630, 26.0683, 34.1933**.

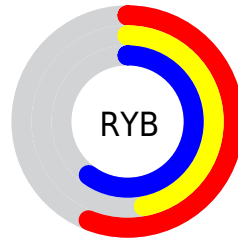
Distribution



Red (56%)

Green (47%)

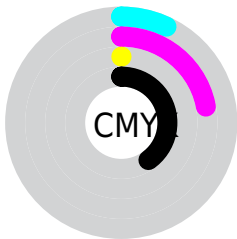
Blue (60%)



Red (56%)

Yellow (47%)

Blue (60%)

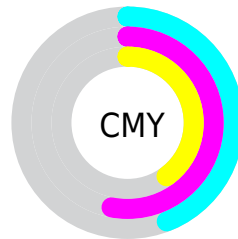


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (44%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8769, 21.6057, 33.4837 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 23.8769, 21.6057, 33.4837 by changing the saturation by 10% instead.

■ 23.8769, 21.6057,
33.4837

■ 23.8769, 21.6057,
33.4837

264.6496,
260.4802, 332.5223

■ 15.3666, 13.5675,
22.2231

■ 49.2854, 46.0934,
66.2547

■ 9.1650, 7.8205,
13.8210

■ 66.9142, 63.3117,
88.6021

■ 4.9070, 3.9803,
7.8590

■ 88.3133, 84.3588,
115.4822

■ 2.2270, 1.6625,
3.9184

113.8480,
109.6191, 147.3136

■ 0.7569, 0.3992,
1.5807

143.8836,
139.4770, 184.5148

■ 0.0000, 0.0000,
0.2770

178.7855,

■ 0.0000, 0.0000,

174.3169, 227.5043

0.0000

218.9190,
214.5231, 276.7006

■ 23.8769, 21.6057,
33.4837

■ 23.8769, 21.6057,
33.4837

■ 21.3284, 17.7605,
32.8762

■ 26.7630, 26.0683,
34.1933

■ 19.1007, 14.5012,
32.3645

■ 29.9983, 31.1722,
35.0079

■ 17.1786, 11.7978,
31.9439

■ 33.5965, 36.9436,
35.9323

■ 15.5448, 9.6162,
31.6090

■ 37.5699, 43.4062,
36.9703

■ 14.1800, 7.9188,
31.3533

■ 41.9300, 50.5827,
38.1257

■ 13.0624, 6.6627,
31.1697

■ 46.6881, 58.4947,
39.4020

■ 12.1661, 5.7969,
31.0498

■ 51.8546, 67.1628,
40.8028

■ 11.5621, 5.2867,
30.9832

■ 57.4400, 76.6068,
42.3313

■ 62.2935, 84.5247,
43.6039

Harmonies

Analogous

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



21.7705, 21.6057, 37.9255



23.8769, 21.6057, 33.4837



25.1291, 21.6057, 26.7474

Triad

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



23.8769, 21.6057, 33.4837



21.6319, 21.6057, 13.2572



16.5700, 21.6057, 27.1664

Complementary

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



23.8769, 21.6057, 33.4837



24.3066, 29.2931, 22.1434

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.



16.5390, 21.6057, 20.5723



23.8769, 21.6057, 33.4837



19.3482, 21.6057, 13.3273

Square

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



23.8769, 21.6057, 33.4837



23.7689, 21.6057, 15.5534



17.5215, 21.6057, 15.7670



17.6096, 21.6057, 33.8394

Rectangle

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



23.8769, 21.6057, 33.4837



25.2550, 21.6057, 22.2480



17.5215, 21.6057, 15.7670



16.4441, 21.6057, 24.8499

Sweetspot

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



23.8776, 21.6066, 33.4842



51.4365, 51.7821, 62.8202



21.7405, 22.6494, 33.7981



11.5718, 11.6093, 14.2013



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.8776, 21.6066, 33.4842



41.2427, 36.0089, 60.3130



25.4153, 22.4526, 31.1502



6.2668, 6.2234, 7.7999



9.4583, 4.3270, 25.2444



0.1790, 0.0841, 0.3792

Inverse Universe

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



24.1404, 21.9426, 24.4368



41.8522, 36.7518, 40.9735



23.0465, 28.6026, 23.9332



6.2871, 6.2540, 6.8919



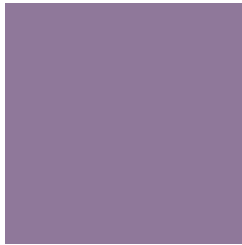
11.3383, 5.7896, 3.0407



0.1849, 0.0927, 0.1266

Previews

White Background



This preview shows how the XYZ color 23.8769, 21.6057, 33.4837 looks on a white background.

Color Contrast Check

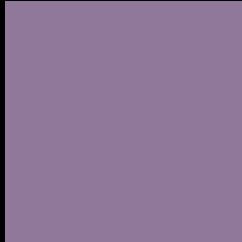
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8769, 21.6057, 33.4837 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 23.8769, 21.6057, 33.4837

Background



This preview shows how black text looks on a background with the XYZ color 23.8769, 21.6057, 33.4837.



This preview shows how white text looks on a background with the XYZ color 23.8769, 21.6057,

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

23.8769, 21.6057, 33.4837

Protanopia

21.7325, 21.7469, 35.8530

Deuteranopia

22.1366, 21.6343, 33.1461



Tritanopia

22.2565, 21.6842, 25.2027

Trichromacy



Original Color

23.8769, 21.6057, 33.4837

Protanomaly

22.3467, 21.5168, 34.8736

Deuteranomaly

22.6642, 21.5342, 33.0990

Tritanomaly

22.8752, 21.7517, 28.1922

Monochromacy



Original Color

23.8769, 21.6057, 33.4837

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2412, 22.1937, 27.5377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8769, 21.6057, 33.4837 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(143, 120, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 120, 154)  
}
```

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(143, 120, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 120, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.8769, 21.6057, 33.4837 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(143, 120, 154) }
```


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

```
.border{ border-color:rgb(143, 120, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 120, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 120, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 120, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 120,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8769, 21.6057, 33.4837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 120, 154) }
```

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

```
.background{ background-color: rgb(143,  
120, 154) }
```

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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