

Converting Colors

XYZ(23.9584, 19.3474, 32.1774)

Have a look what the booklet for
XYZ(23.9584, 19.3474, 32.1774)
contains.

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Color

**XYZ(23.9584, 19.3474,
32.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	996A98
RGB	153, 106, 152
RGB Percent	60%, 42%, 60%
CMY	0.4000, 0.5843, 0.4039
CMYK	0.00, 0.31, 0.01, 0.40
HSL	301°, 19%, 51%
HSV	301°, 31%, 60%
XYZ	23.9584, 19.3474, 32.1774
YIQ	125.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

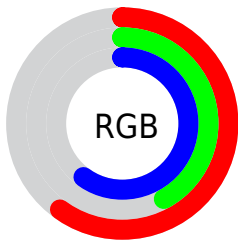
Format	Color
R_{YB}	153, 106, 152
Decimal	10054296
CIE _{Lab}	51.09, 26.66, -17.54
CIE _{LCh}	51, 31.914, 326.655
Yxy	19.3474, 0.3174, 0.2563
Android (android.graphics.Color)	4288244376 (0xFF996A98)
YUV	125.2970, 13.1646, 24.2955
Hunter-Lab	43.9857, 20.2516, -12.5832

Details

The XYZ color **23.9584, 19.3474, 32.1774** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9897, 26.9088, 18.0514**, and the grayscale version is **19.5475, 20.5655, 22.3958**.

A 20% lighter version of the original color is **49.3799, 42.3198, 63.9585**, and **9.2288, 6.7324, 13.1250** is the 20% darker color. If you saturate the color by 10%, you get **22.4937, 16.4604, 31.5580**, and if you desaturate by 10%, it is **25.7057, 22.7988, 32.8918**.

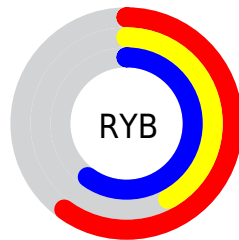
Distribution



Red (60%)

Green (42%)

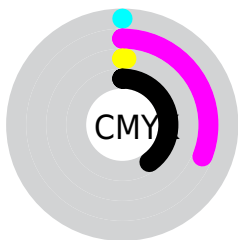
Blue (60%)



Red (60%)

Yellow (42%)

Blue (60%)

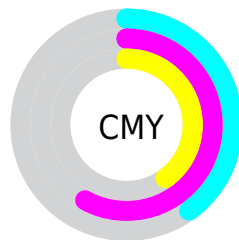


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (40%)



Cyan (40%)


Magenta (58%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9584, 19.3474, 32.1774 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 23.9584, 19.3474, 32.1774 by changing the saturation by 10% instead.


 23.9584, 19.3474,
32.1774


 23.9584, 19.3474,
32.1774


265.0545,
248.3599, 326.4442


 15.4273, 11.9216,
21.2311


 49.4175, 42.3203,
64.1902

 9.2081, 6.6903,
13.1001


 67.0762, 58.6362,
86.0938

 4.9354, 3.2692,
7.3660

 88.5082, 78.6842,
112.4870

 2.2438, 1.2738,
3.6101

 114.0788,
102.8487, 143.7881

 0.7656, 0.1208,
1.4140

144.1534,
131.5141, 180.4159

 0.0000, 0.0000,
0.1526

179.0973,

 0.0000, 0.0000,

165.0649, 222.7888

0.0000

219.2758,
203.8854, 271.3254

■ 23.9584, 19.3474,
32.1774

■ 23.9584, 19.3474,
32.1774

■ 22.4937, 16.4604,
31.5580

■ 25.7057, 22.7988,
32.8918

■ 21.2949, 14.1052,
31.0273

■ 27.7476, 26.8397,
33.7046

■ 20.3462, 12.2501,
30.5803

■ 30.0976, 31.4969,
34.6205

■ 19.6293, 10.8588,
30.2110

■ 32.7680, 36.7946,
35.6435

■ 19.1239, 9.8900,
29.9125

■ 35.7703, 42.7559,
36.7775

■ 18.8056, 9.2955,
29.6768

■ 39.1154, 49.4027,
38.0261

■ 18.6215, 8.9662,
29.4954

■ 42.8137, 56.7559,
39.3929

■ 46.8752, 64.8354,
40.8810

■ 51.3096, 73.6604,
42.4939

Harmonies

Analogous

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



21.2579, 19.3474, 40.8076



23.9584, 19.3474, 32.1774



25.1612, 19.3474, 22.0999

Triad

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



23.9584, 19.3474, 32.1774



18.7467, 19.3474, 8.0136



13.4669, 19.3474, 29.8964

Complementary

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



23.9584, 19.3474, 32.1774



19.9897, 26.9088, 18.0514

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.



12.9563, 19.3474, 20.0650



23.9584, 19.3474, 32.1774



15.7908, 19.3474, 9.0094

Square

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



23.9584, 19.3474, 32.1774



21.9428, 19.3474, 9.5994



13.7576, 19.3474, 12.8617



15.2414, 19.3474, 39.2470

Rectangle

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



23.9584, 19.3474, 32.1774



24.8604, 19.3474, 16.4534



13.7576, 19.3474, 12.8617



13.1513, 19.3474, 26.4690

Sweetspot

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



23.9590, 19.3483, 32.1778



50.3034, 49.2770, 60.6006



16.9421, 15.7214, 32.2790



10.9892, 10.6466, 13.3347



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.9590, 19.3483, 32.1778



41.0155, 30.9200, 56.8303



22.2353, 18.6588, 23.1007



6.4555, 6.3214, 7.7790



15.3918, 7.4109, 24.3858



0.2316, 0.1114, 0.3727

Inverse Universe

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



23.9590, 19.3483, 32.1778



41.0155, 30.9200, 56.8303



21.3842, 27.4666, 25.3943



6.4555, 6.3214, 7.7790



15.3918, 7.4109, 24.3858



0.2316, 0.1114, 0.3727

Previews

White Background



This preview shows how the XYZ color 23.9584, 19.3474, 32.1774 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 23.9584, 19.3474, 32.1774 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 23.9584, 19.3474, 32.1774

Background



This preview shows how black text looks on a background with the XYZ color 23.9584, 19.3474, 32.1774.



This preview shows how white text looks on a background with the XYZ color 23.9584, 19.3474,

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

23.9584, 19.3474, 32.1774

Protanopia

19.8786, 19.6341, 37.3924

Deuteranopia

19.7674, 19.3566, 31.1281



Tritanopia

21.6398, 19.3584, 20.6852

Trichromacy



Original Color

23.9584, 19.3474, 32.1774

Protanomaly

21.1076, 19.4296, 35.4387

Deuteranomaly

21.0381, 19.1422, 31.4401

Tritanomaly

22.3185, 19.3018, 24.3791

Monochromacy



Original Color

23.9584, 19.3474, 32.1774

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8433, 19.8570, 25.6559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9584, 19.3474, 32.1774 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(153, 106, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 106, 152)  
}
```

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(153, 106, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 106, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.9584, 19.3474, 32.1774 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(153, 106, 152) }
```


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

```
.border{ border-color:rgb(153, 106, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 106, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 106, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 106, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 106,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9584, 19.3474, 32.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 106, 152) }
```

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

```
.background{ background-color: rgb(153,  
106, 152) }
```

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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