

Converting Colors

XYZ(31.9124, 25.7672, 32.9974)

Have a look what the booklet for
XYZ(31.9124, 25.7672, 32.9974)
contains.

XYZ(31.9124, 25.7672, 32.9974)	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(31.9124, 25.7672,
32.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	B77898
RGB	183, 120, 152
RGB Percent	72%, 47%, 60%
CMY	0.2824, 0.5294, 0.4039
CMYK	0.00, 0.34, 0.17, 0.28
HSL	330°, 30%, 59%
HSV	330°, 34%, 72%
XYZ	31.9124, 25.7672, 32.9974
YIQ	142.4850, 27.2760, 23.3080

Conversions

Conversions Part 2

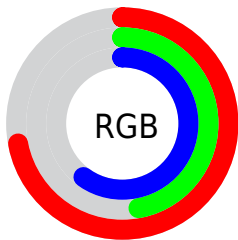
Format	Color
R_{YB}	183, 120, 152
Decimal	12023960
CIE Lab	57.82, 29.35, -7.07
CIE LCh	58, 30.188, 346.453
Yxy	25.7672, 0.3519, 0.2842
Android (android.graphics.Color)	4290214040 (0xFFB77898)
YUV	142.4850, 4.6909, 35.5317
Hunter-Lab	50.7614, 23.3859, -3.0084

Details

The XYZ color **31.9124, 25.7672, 32.9974** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.2662, 40.0951, 35.4239**, and the grayscale version is **25.8784, 27.2261, 29.6492**.

A 20% lighter version of the original color is **62.0193, 52.8686, 65.3284**, and **13.5924, 9.9870, 13.5232** is the 20% darker color. If you saturate the color by 10%, you get **29.2085, 21.4951, 28.5944**, and if you desaturate by 10%, it is **35.0944, 30.9052, 37.8367**.

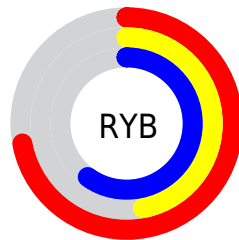
Distribution



Red (72%)

Green (47%)

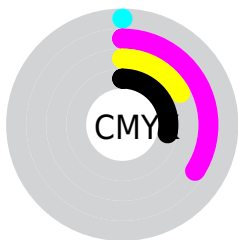
Blue (60%)



Red (72%)

Yellow (47%)

Blue (60%)

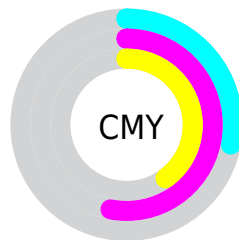


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (28%)



Cyan (28%)


Magenta (53%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9124, 25.7672, 32.9974 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 31.9124, 25.7672, 32.9974 by changing the saturation by 10% instead.


 31.9124, 25.7672,
32.9974


 31.9124, 25.7672,
32.9974

302.4724,
281.6374, 330.2697

 21.4498, 16.6496,
21.8534


 62.0399, 52.8991,
65.4874

 13.5675, 9.9850,
13.5519


 82.4354, 71.6822,
87.6705

 7.9002, 5.3890,
7.6745


 106.8727, 94.4559,
114.3703

 4.0824, 2.4773,
3.8026

135.7171,
121.6047, 146.0054

 1.7489, 0.8652,
1.5177

169.3339,
153.5128, 182.9944

 0.4866, 0.0000,
0.2311

208.0885,

 0.0000, 0.0000,

190.5647, 225.7557

0.0000

252.3462,
233.1447, 274.7080

■ 31.9124, 25.7672,
32.9974

■ 31.9124, 25.7672,
32.9974

■ 29.2085, 21.4951,
28.5944

■ 35.0944, 30.9052,
37.8367

■ 26.9553, 18.0369,
24.6115

■ 38.7755, 36.9504,
43.1243

■ 25.1256, 15.3402,
21.0337


■ 42.9784, 43.9455,
48.8738


■ 23.6885, 13.3452,
17.8442


■ 47.7233, 51.9296,
55.0975


■ 22.6084, 11.9830,
15.0242


■ 53.0296, 60.9395,
61.8072


 21.8425, 11.1701,
12.5525

 58.9156, 71.0102,
69.0143

 21.5021, 10.8567,
11.3061

 65.3988, 82.1749,
76.7298

 68.7490, 86.9715,
83.7153

 70.0034, 87.4733,
90.3214

Harmonies

Analogous

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



29.8991, 25.7672, 44.1810



31.9124, 25.7672, 32.9974



31.8034, 25.7672, 22.7730

Triad

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



31.9124, 25.7672, 32.9974



22.5691, 25.7672, 12.9344



19.9953, 25.7672, 45.1570

Complementary

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



31.9124, 25.7672, 32.9974



30.2662, 40.0951, 35.4239

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.



18.3952, 25.7672, 34.0990



31.9124, 25.7672, 32.9974



19.7778, 25.7672, 16.4268

Square

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



31.9124, 25.7672, 32.9974



26.1605, 25.7672, 12.7787



18.3197, 25.7672, 23.6345



22.8940, 25.7672, 52.2850

Rectangle

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



31.9124, 25.7672, 32.9974



30.5369, 25.7672, 17.7872



18.3197, 25.7672, 23.6345



19.3008, 25.7672, 41.6686

Sweetspot

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



31.9132, 25.7684, 32.9979



72.5352, 71.3005, 81.5174



27.9254, 23.3800, 47.8410



15.7922, 15.3682, 17.6898



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.9132, 25.7684, 32.9979



53.5596, 40.4500, 53.3017



29.7001, 24.8832, 21.3442



9.1898, 9.0863, 10.3470



15.0349, 7.5877, 8.0703



0.5612, 0.2800, 0.4488

Inverse Universe

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



31.9132, 25.7684, 32.9979



53.5596, 40.4500, 53.3017



33.1183, 41.2360, 50.4430



9.1898, 9.0863, 10.3470



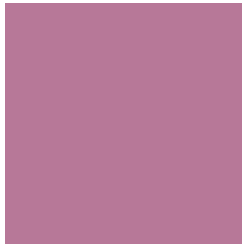
15.0349, 7.5877, 8.0703



0.5612, 0.2800, 0.4488

Previews

White Background



This preview shows how the XYZ color 31.9124, 25.7672, 32.9974 looks on a white background.

Color Contrast Check

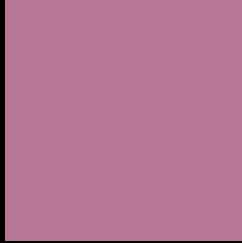
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9124, 25.7672, 32.9974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

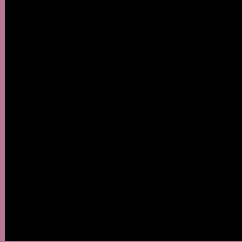
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9124, 25.7672, 32.9974

Background



This preview shows how black text looks on a background with the XYZ color 31.9124, 25.7672, 32.9974.



This preview shows how white text looks on a background with the XYZ color 31.9124, 25.7672,

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

31.9124, 25.7672, 32.9974

Protanopia

25.6208, 25.9256, 38.7757

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

30.3727, 25.6831, 25.5468

Trichromacy



Original Color

31.9124, 25.7672, 32.9974

Protanomaly

27.4104, 25.4461, 36.7246

Deuteranomaly

28.1856, 25.7443, 32.3378

Tritanomaly

30.9846, 25.7576, 28.1496

Monochromacy



Original Color

31.9124, 25.7672, 32.9974

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.6180, 26.2936, 30.8137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9124, 25.7672, 32.9974 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(183, 120, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 120, 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(183, 120, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 120, 152) }
```

Border

The CSS property to change the border of an element to XYZ 31.9124, 25.7672, 32.9974 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(183, 120, 152) }
```


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

```
.border{ border-color:rgb(183, 120, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 120, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 120, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 120, 152); box-shadow:4px 4px 4px 4px rgb(183, 120, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9124, 25.7672, 32.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 120, 152) }
```

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

```
.background{ background-color: rgb(183,  
120, 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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