

Converting Colors

XYZ(31.5343, 24.8878, 26.5216)

Have a look what the booklet for
XYZ(31.5343, 24.8878, 26.5216)
contains.

XYZ(31.5609, 24.8579, 26.4272)	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(31.5609, 24.8579,
26.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7388
RGB	189, 115, 136
RGB Percent	74%, 45%, 53%
CMY	0.2588, 0.5490, 0.4667
CMYK	0.00, 0.39, 0.28, 0.26
HSL	343°, 36%, 60%
HSV	343°, 39%, 74%
XYZ	31.5609, 24.8579, 26.4272
YIQ	139.5200, 37.3630, 22.2190

Conversions

Conversions Part 2

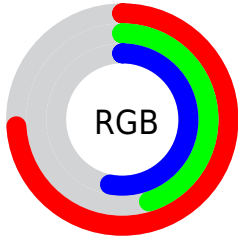
Format	Color
RYB	189, 115, 136
Decimal	12415880
CIELab	56.94, 31.85, 1.00
CIELCh	57, 31.870, 1.793
Yxy	24.8579, 0.3810, 0.3000
Android (android.graphics.Color)	4290605960 (0xFFBD7388)
YUV	139.5200, -1.7354, 43.3940
Hunter-Lab	49.8577, 25.7430, 3.4736

Details

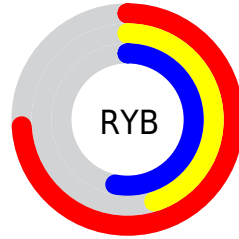
The XYZ color **31.5609, 24.8579, 26.4272** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.3368, 42.8677, 43.6179**, and the grayscale version is **24.7383, 26.0266, 28.3430**.

A 20% lighter version of the original color is **61.5457, 51.4535, 54.8318**, and **13.4015, 9.5208, 9.9355** is the 20% darker color. If you saturate the color by 10%, you get **28.7204, 20.6205, 21.0298**, and if you desaturate by 10%, it is **34.9662, 30.0300, 32.6130**.

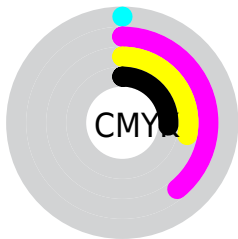
Distribution



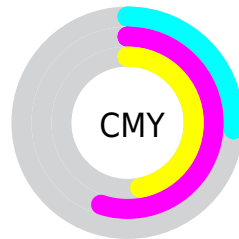
- Red (74%)
- Green (45%)
- Blue (53%)



- Red (74%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (28%)
- Black (26%)





- Cyan (26%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5609, 24.8579, 26.4272 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 31.5609, 24.8579, 26.4272 by changing the saturation by 10% instead.

 31.5609, 24.8579,
26.4272


 31.5609, 24.8579,
26.4272


300.8951,
277.1295, 298.5449


 21.1802, 15.9712,
16.9149


 61.4919, 51.4266,
54.9558

 13.3690, 9.5038,
10.0125


 81.7730, 69.8774,
74.8092

 7.7619, 5.0712,
5.3015

 106.0850, 92.2851,
98.9468

 3.9935, 2.2891,
2.3634

134.7931,
119.0339, 127.7869

 1.6985, 0.7679,
0.7664

168.2629,
150.5084, 161.7483

 0.4553, 0.0000,
0.0000

206.8595,

 0.0000, 0.0000,

187.0929, 201.2493

0.0000

250.9485,
229.1718, 246.7087

■ 31.5609, 24.8579,
26.4272

■ 31.5609, 24.8579,
26.4272

■ 28.7204, 20.6205,
21.0298

■ 34.9662, 30.0300,
32.6130

■ 26.4109, 17.2579,
16.3863

■ 38.9633, 36.1846,
39.6165

■ 24.5980, 14.7091,
12.4621


■ 43.5800, 43.3707,
47.4673


■ 23.2425, 12.9036,
9.2188


■ 48.8417, 51.6328,
56.1930


■ 22.2984, 11.7583,
6.6137

■ 54.7725, 61.0127,
65.8200


 21.6879, 11.1274,
4.5912

 61.3949, 71.5503,
76.3734

 21.6434, 11.0817,
4.4426

 68.7306, 83.2833,
87.8776

 73.1208, 88.8886,
99.1293

 74.7962, 89.5588,
107.9521

Harmonies

Analogous

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



30.5414, 24.8579, 38.0043



31.5609, 24.8579, 26.4272



30.2753, 24.8579, 17.6074

Triad

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



31.5609, 24.8579, 26.4272



20.0396, 24.8579, 13.0723



20.3906, 24.8579, 49.5526

Complementary

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



31.5609, 24.8579, 26.4272



32.3368, 42.8677, 43.6179

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.



18.0305, 24.8579, 39.4200



31.5609, 24.8579, 26.4272



17.8434, 24.8579, 18.4580

Square

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



31.5609, 24.8579, 26.4272



23.4026, 24.8579, 11.2678



17.1479, 24.8579, 27.7151



23.8522, 24.8579, 53.2847

Rectangle

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



31.5609, 24.8579, 26.4272



28.3554, 24.8579, 13.9022



17.1479, 24.8579, 27.7151



19.4553, 24.8579, 46.6703

Sweetspot

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



31.5616, 24.8591, 26.4277



75.4169, 73.5624, 80.5740



31.2111, 24.1307, 51.1568



15.9827, 15.4524, 16.9281



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



31.5616, 24.8591, 26.4277



52.0914, 37.8963, 38.9339



32.0377, 27.9700, 19.9315



9.6385, 9.5797, 10.4852



14.5912, 7.4676, 3.1409



0.6007, 0.3042, 0.2764

Inverse Universe

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



31.5616, 24.8591, 26.4277



52.0914, 37.8963, 38.9339



31.4312, 37.6692, 53.7583



9.6385, 9.5797, 10.4852



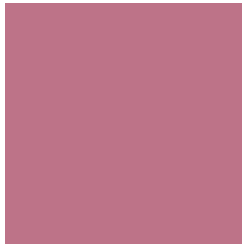
14.5912, 7.4676, 3.1409



0.6007, 0.3042, 0.2764

Previews

White Background



This preview shows how the XYZ color 31.5609, 24.8579, 26.4272 looks on a white background.

Color Contrast Check

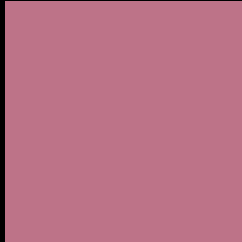
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5609, 24.8579, 26.4272 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 31.5609, 24.8579, 26.4272

Background



This preview shows how black text looks on a background with the XYZ color 31.5609, 24.8579, 26.4272.



This preview shows how white text looks on a background with the XYZ color 31.5609, 24.8579,

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

31.5609, 24.8579, 26.4272

Protanopia

24.3823, 25.0125, 31.9766

Deuteranopia

25.5701, 25.1439, 25.6959



Tritanopia

30.8662, 24.9203, 22.9219

Trichromacy



Original Color

31.5609, 24.8579, 26.4272

Protanomaly

26.2708, 24.4205, 29.7146

Deuteranomaly

27.2810, 24.6423, 25.8728

Tritanomaly

31.0137, 24.7939, 24.2702

Monochromacy



Original Color

31.5609, 24.8579, 26.4272

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.8771, 25.3658, 27.9056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5609, 24.8579, 26.4272 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(189, 115, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 136)  
}
```

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(189, 115, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 136) }
```

Border

The CSS property to change the border of an element to XYZ 31.5609, 24.8579, 26.4272 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(189, 115, 136) }
```


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

```
.border{ border-color:rgb(189, 115, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 115, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5609, 24.8579, 26.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 136) }
```

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

```
.background{ background-color: rgb(189,  
115, 136) }
```

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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