

Converting Colors

XYZ(31.6057, 26.3424, 24.5379)

Have a look what the booklet for
XYZ(31.6057, 26.3424, 24.5379)
contains.

XYZ(31.6057, 26.3424, 24.5379)	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(31.6057, 26.3424,
24.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7B82
RGB	187, 123, 130
RGB Percent	73%, 48%, 51%
CMY	0.2667, 0.5176, 0.4902
CMYK	0.00, 0.34, 0.30, 0.27
HSL	353°, 32%, 61%
HSV	353°, 34%, 73%
XYZ	31.6057, 26.3424, 24.5379
YIQ	142.9340, 35.8970, 15.7450

Conversions

Conversions Part 2

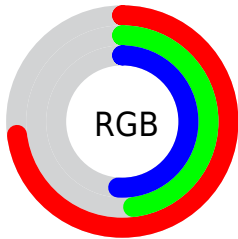
Format	Color
R_{YB}	187, 123, 130
Decimal	12286850
CIE _{Lab}	58.36, 25.88, 6.50
CIE _{LCh}	58, 26.684, 14.096
Yxy	26.3424, 0.3832, 0.3194
Android (android.graphics.Color)	4290476930 (0xFFBB7B82)
YUV	142.9340, -6.3765, 38.6459
Hunter-Lab	51.3248, 20.1013, 7.5814

Details

The XYZ color **31.6057, 26.3424, 24.5379** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.1780, 43.0474, 49.6897**, and the grayscale version is **26.0973, 27.4564, 29.9000**.

A 20% lighter version of the original color is **61.7288, 53.8820, 51.9466**, and **13.3835, 10.2647, 9.0605** is the 20% darker color. If you saturate the color by 10%, you get **28.4747, 21.7270, 18.4178**, and if you desaturate by 10%, it is **35.3622, 31.9189, 31.7599**.

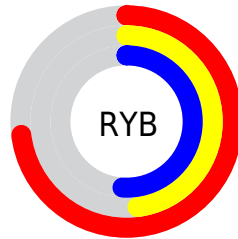
Distribution



Red (73%)

Green (48%)

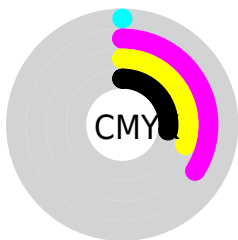
Blue (51%)



Red (73%)

Yellow (48%)

Blue (51%)

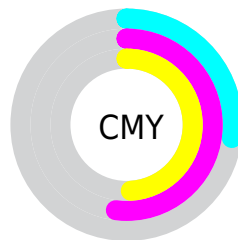


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6057, 26.3424, 24.5379 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 31.6057, 26.3424, 24.5379 by changing the saturation by 10% instead.


 31.6057, 26.3424,
24.5379


 31.6057, 26.3424,
24.5379


301.0965,
284.4589, 288.9024


 21.2146, 17.0800,
15.5172


 61.5618, 53.8268,
51.8614

 13.3943, 10.2915,
9.0326


 81.8575, 72.8176,
71.0012

 7.7795, 5.5927,
4.6653

 106.1855, 95.8199,
94.3512

 4.0048, 2.5990,
1.9970

134.9111,
123.2182, 122.3299

 1.7048, 0.9262,
0.5534

168.3996,
155.3968, 155.3559

 0.4593, 0.0000,
0.0000

207.0164,

 0.0000, 0.0000,

192.7402, 193.8476

0.0000

251.1269,
235.6328, 238.2236

■ 31.6057, 26.3424,
24.5379

■ 31.6057, 26.3424,
24.5379

■ 28.4747, 21.7270,
18.4178

■ 35.3622, 31.9189,
31.7599

■ 25.9331, 18.0147,
13.3439

■ 39.7735, 38.5026,
40.1327

■ 23.9442, 15.1475,
9.2577


■ 44.8696, 46.1410,
49.7042


■ 22.4667, 13.0586,
6.0947


■ 50.6780, 54.8778,
60.5190


■ 21.4529, 11.6715,
3.7822


■ 57.2247, 64.7539,
72.6196

 20.8462, 10.8938,
2.2368

 64.5344, 75.8084,
86.0463

 20.6238, 10.6169,
1.6450

 72.6306, 88.0782,
100.8377

 74.3035, 89.3048,
107.9291

Harmonies

Analogous

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



31.5461, 26.3424, 33.8751



31.6057, 26.3424, 24.5379



29.8026, 26.3424, 17.9377

Triad

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



31.6057, 26.3424, 24.5379



20.9333, 26.3424, 17.6472



23.3629, 26.3424, 49.5839

Complementary

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



31.6057, 26.3424, 24.5379



34.1780, 43.0474, 49.6897

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.



20.8098, 26.3424, 43.0370



31.6057, 26.3424, 24.5379



19.4923, 26.3424, 24.0494

Square

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



31.6057, 26.3424, 24.5379



23.5453, 26.3424, 14.5828



19.4491, 26.3424, 33.2691



26.5918, 26.3424, 49.7948

Rectangle

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



31.6057, 26.3424, 24.5379



27.8701, 26.3424, 15.4003



19.4491, 26.3424, 33.2691



22.4039, 26.3424, 47.9968

Sweetspot

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



31.6064, 26.3437, 24.5384



74.7894, 74.2803, 78.5743



34.7673, 27.4024, 50.4705



16.1925, 15.9423, 16.7816



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.



31.6064, 26.3437, 24.5384



52.3303, 40.8706, 35.6090



34.5863, 33.0296, 23.2930



9.5714, 9.5529, 10.1322



14.2236, 7.3206, 1.2054



0.5714, 0.2925, 0.1224

Inverse Universe

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



31.6064, 26.3437, 24.5384



52.3303, 40.8706, 35.6090



30.1417, 33.8052, 51.9501



9.5714, 9.5529, 10.1322



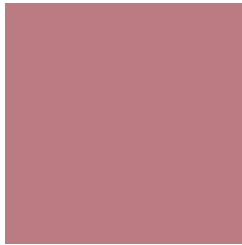
14.2236, 7.3206, 1.2054



0.5714, 0.2925, 0.1224

Previews

White Background



This preview shows how the XYZ color 31.6057, 26.3424, 24.5379 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 31.6057, 26.3424, 24.5379 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 31.6057, 26.3424, 24.5379

Background



This preview shows how black text looks on a background with the XYZ color 31.6057, 26.3424, 24.5379.



This preview shows how white text looks on a background with the XYZ color 31.6057, 26.3424,

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

31.6057, 26.3424, 24.5379

Protanopia

25.3660, 26.4599, 28.1964

Deuteranopia

26.9985, 26.5378, 24.1214



Tritanopia

31.7413, 26.3967, 25.2519

Trichromacy



Original Color

31.6057, 26.3424, 24.5379

Protanomaly

27.2671, 26.1987, 26.9123

Deuteranomaly

28.4409, 26.2526, 24.3371

Tritanomaly

31.6732, 26.3694, 24.8932

Monochromacy



Original Color

31.6057, 26.3424, 24.5379

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.6897, 26.8142, 27.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6057, 26.3424, 24.5379 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(187, 123, 130)` looks like.

```
.text, #text, p{  
    color:rgb(187, 123, 130)  
}
```

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(187, 123, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 123, 130) }
```

Border

The CSS property to change the border of an element to XYZ 31.6057, 26.3424, 24.5379 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(187, 123, 130) }
```


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

```
.border{ border-color:rgb(187, 123, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 123, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(187, 123,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6057, 26.3424, 24.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 123, 130) }
```

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

```
.background{ background-color: rgb(187,  
123, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor