

Converting Colors

XYZ(31.5980, 25.7401, 23.9230)

Have a look what the booklet for
XYZ(31.5980, 25.7401, 23.9230)
contains.

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Color

**XYZ(31.6652, 25.8367,
24.0869)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7881
RGB	189, 120, 129
RGB Percent	74%, 47%, 51%
CMY	0.2588, 0.5294, 0.4941
CMYK	0.00, 0.37, 0.32, 0.26
HSL	352°, 34%, 61%
HSV	352°, 37%, 74%
XYZ	31.6652, 25.8367, 24.0869
YIQ	141.6570, 38.2350, 17.4270

Conversions

Conversions Part 2

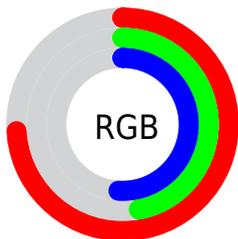
Format	Color
R _Y B	189, 120, 129
Decimal	12417153
CIE Lab	57.88, 28.16, 6.42
CIE LCh	58, 28.886, 12.849
Yxy	25.8367, 0.3881, 0.3167
Android (android.graphics.Color)	4290607233 (0xFFBD7881)
YUV	141.6570, -6.2399, 41.5198
Hunter-Lab	50.8298, 22.2471, 7.4849

Details

The XYZ color **31.6652, 25.8367, 24.0869** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.1827, 43.6842, 49.8126**, and the grayscale version is **25.5896, 26.9222, 29.3183**.

A 20% lighter version of the original color is **61.7448, 53.0387, 51.2392**, and **13.4696, 10.0278, 8.8151** is the 20% darker color. If you saturate the color by 10%, you get **28.6064, 21.3291, 18.1039**, and if you desaturate by 10%, it is **35.3498, 31.3144, 31.1460**.

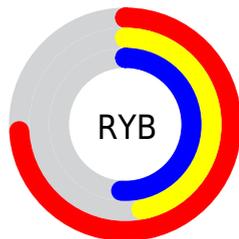
Distribution



Red (74%)

Green (47%)

Blue (51%)



Red (74%)

Yellow (47%)

Blue (51%)

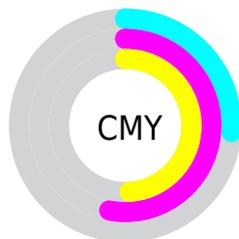


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6652, 25.8367, 24.0869 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 31.6652, 25.8367, 24.0869 by changing the saturation by 10% instead.

 31.6652, 25.8367,
24.0869

 31.6652, 25.8367,
24.0869

301.3638,
281.9795, 286.5602

 21.2602, 16.7015,
15.1853

 61.6546, 53.0114,
51.1176

 13.4279, 10.0219,
8.8015

 81.9697, 71.8197,
70.0837

 7.8029, 5.4135,
4.5169

 106.3189, 94.6211,
93.2418

 4.0198, 2.4919,
1.9130

135.0676,
121.8001, 121.0104

 1.7133, 0.8726,
0.5010

168.5810,
153.7411, 153.8080

 0.4646, 0.0000,
0.0000

207.2246,

 0.0000, 0.0000,

190.8284, 192.0531

0.0000

251.3638,
233.4464, 236.1644

■ 31.6652, 25.8367,
24.0869

■ 31.6652, 25.8367,
24.0869

■ 28.6064, 21.3291,
18.1039

■ 35.3498, 31.3144,
31.1460

■ 26.1364, 17.7313,
13.1425

■ 39.6902, 37.8101,
39.3291

■ 24.2174, 14.9824,
9.1457

■ 44.7171, 45.3734,
48.6829

■ 22.8066, 13.0123,
6.0501

■ 50.4586, 54.0492,
59.2511

■ 21.8544, 11.7397,
3.7847

■ 56.9413, 63.8801,
71.0750

 21.2973, 11.0580,
2.2662

 64.1903, 74.9063,
84.1942

 21.1580, 10.8875,
1.8860

 72.2295, 87.1661,
98.6464

 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



31.5116, 25.8367, 34.1612



31.6652, 25.8367, 24.0869



29.7892, 25.8367, 17.0207

Triad

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



31.6652, 25.8367, 24.0869



20.2871, 25.8367, 16.3043



22.6387, 25.8367, 50.6671

Complementary

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



31.6652, 25.8367, 24.0869



34.1827, 43.6842, 49.8126

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.



19.9764, 25.8367, 43.2571



31.6652, 25.8367, 24.0869



18.7092, 25.8367, 22.8571

Square

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



31.6652, 25.8367, 24.0869



23.1008, 25.8367, 13.2943



18.6011, 25.8367, 32.6059



26.0732, 25.8367, 51.2196

Rectangle

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



31.6652, 25.8367, 24.0869



27.7344, 25.8367, 14.3077



18.6011, 25.8367, 32.6059



21.6321, 25.8367, 48.8279

Sweetspot

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



31.6659, 25.8379, 24.0874



75.7269, 74.6939, 79.1006



34.6785, 26.7876, 51.4871



16.0241, 15.6705, 16.5250



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.



31.6659, 25.8379, 24.0874



52.1413, 39.5315, 34.2167



34.5486, 32.5186, 22.2266



9.5795, 9.5561, 10.1744



14.2520, 7.3320, 1.3549



0.5750, 0.2939, 0.1410

Inverse Universe

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



31.6659, 25.8379, 24.0874



52.1413, 39.5315, 34.2167



30.1539, 34.1119, 53.1393



9.5795, 9.5561, 10.1744



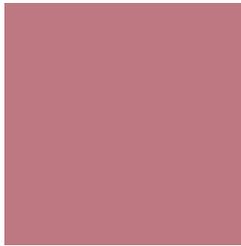
14.2520, 7.3320, 1.3549



0.5750, 0.2939, 0.1410

Previews

White Background



This preview shows how the XYZ color 31.6652, 25.8367, 24.0869 looks on a white background.

Color Contrast Check

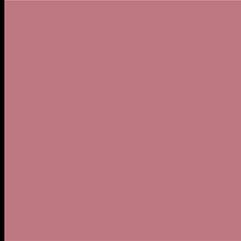
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6652, 25.8367, 24.0869 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 31.6652, 25.8367, 24.0869

Background



This preview shows how black text looks on a background with the XYZ color 31.6652, 25.8367, 24.0869.



This preview shows how white text looks on a background with the XYZ color 31.6652, 25.8367,

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

31.6652, 25.8367, 24.0869

Protanopia

25.0481, 26.0801, 28.1399

Deuteranopia

26.5304, 26.1034, 23.3788



Tritanopia

31.6652, 25.8367, 24.0869

Trichromacy



Original Color

31.6652, 25.8367, 24.0869

Protanomaly

26.9225, 25.6227, 26.4484

Deuteranomaly

28.1756, 25.9326, 23.5991

Tritanomaly

31.6652, 25.8367, 24.0869

Monochromacy



Original Color

31.6652, 25.8367, 24.0869

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3385, 26.2273, 27.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6652, 25.8367, 24.0869 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, 120, 129)` looks like.

```
.text, #text, p{  
    color:rgb(189, 120, 129)  
}
```

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, 120, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 120, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.6652, 25.8367, 24.0869 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, 120, 129) }
```

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

```
.border{ border-color:rgb(189, 120, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 120, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 120, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 120, 129);  
box-shadow:4px 4px 4px 4px rgb(189, 120,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6652, 25.8367, 24.0869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 120, 129) }
```

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

```
.background{ background-color: rgb(189,  
120, 129) }
```

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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