

Converting Colors

XYZ(31.7211, 25.8553, 22.5917)

Have a look what the booklet for
XYZ(31.7211, 25.8553, 22.5917)
contains.

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Color

**XYZ(31.6533, 25.8608,
22.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	BE787D
RGB	190, 120, 125
RGB Percent	75%, 47%, 49%
CMY	0.2549, 0.5294, 0.5098
CMYK	0.00, 0.37, 0.34, 0.25
HSL	356°, 35%, 61%
HSV	356°, 37%, 75%
XYZ	31.6533, 25.8608, 22.7253
YIQ	141.5000, 40.1150, 16.3950

Conversions

Conversions Part 2

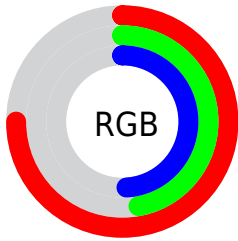
Format	Color
R_{YB}	190, 120, 125
Decimal	12482685
CIE Lab	57.90, 28.02, 8.79
CIE LCh	58, 29.365, 17.411
Yxy	25.8608, 0.3945, 0.3223
Android (android.graphics.Color)	4290672765 (0xFFBE787D)
YUV	141.5000, -8.1345, 42.5345
Hunter-Lab	50.8535, 22.1120, 9.1021

Details

The XYZ color **31.6533, 25.8608, 22.7253** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.9173, 44.3232, 52.6163**, and the grayscale version is **25.5345, 26.8643, 29.2552**.

A 20% lighter version of the original color is **61.6909, 53.0580, 49.1092**, and **13.3262, 9.9705, 8.0596** is the 20% darker color. If you saturate the color by 10%, you get **28.5620, 21.3246, 16.6192**, and if you desaturate by 10%, it is **35.3996, 31.3863, 30.0381**.

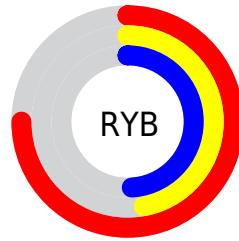
Distribution



Red (75%)

Green (47%)

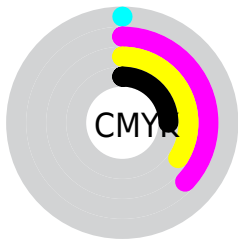
Blue (49%)



Red (75%)

Yellow (47%)

Blue (49%)

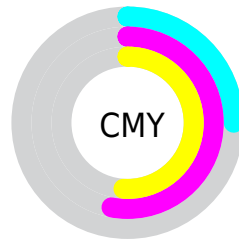


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6533, 25.8608, 22.7253 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 31.6533, 25.8608, 22.7253 by changing the saturation by 10% instead.


 31.6533, 25.8608,
22.7253

 31.6533, 25.8608,
22.7253


301.3103,
282.0981, 279.3870


 21.2511, 16.7195,
14.1874


 61.6360, 53.0503,
48.8593

 13.4212, 10.0347,
8.1109


 81.9473, 71.8673,
67.2926

 7.7982, 5.4220,
4.0772

 106.2923, 94.6784,
89.8613

 4.0168, 2.4969,
1.6678

135.0363,
121.8679, 116.9842

 1.7116, 0.8751,
0.3385

168.5448,
153.8202, 149.0796

 0.4635, 0.0000,
0.0000

207.1830,

 0.0000, 0.0000,

190.9197, 186.5662

0.0000

251.3164,
233.5509, 229.8625

■ 31.6533, 25.8608,
22.7253

■ 31.6533, 25.8608,
22.7253

■ 28.5620, 21.3246,
16.6192

■ 35.3996, 31.3863,
30.0381

■ 26.0861, 17.7158,
11.6535

■ 39.8334, 37.9509,
38.6161

■ 24.1849, 14.9715,
7.7578


■ 44.9875, 45.6052,
48.5157


■ 22.8119, 13.0192,
4.8532


■ 50.8920, 54.3957,
59.7894


■ 21.9134, 11.7748,
2.8501


■ 57.5752, 64.3660,
72.4871

 21.4190, 11.1250,
1.6407

 65.0642, 75.5577,
86.6560

 21.3115, 10.9776,
1.3956

 73.3844, 88.0099,
102.3412

 75.0451, 89.6871,
107.9638

Harmonies

Analogous

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



31.8288, 25.8608, 32.6179



31.6533, 25.8608, 22.7253



29.4730, 25.8608, 16.1196

Triad

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



31.6533, 25.8608, 22.7253



19.9073, 25.8608, 16.9314



23.1279, 25.8608, 51.7515

Complementary

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



31.6533, 25.8608, 22.7253



34.9173, 44.3232, 52.6163

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.



20.2608, 25.8608, 45.0600



31.6533, 25.8608, 22.7253



18.5247, 25.8608, 24.1244

Square

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



31.6533, 25.8608, 22.7253



22.6015, 25.8608, 13.3676



18.6476, 25.8608, 34.3941



26.6705, 25.8608, 51.1181

Rectangle

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



31.6533, 25.8608, 22.7253



27.2846, 25.8608, 13.7370



18.6476, 25.8608, 34.3941



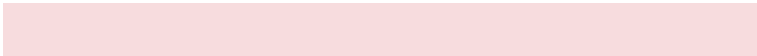
22.0602, 25.8608, 50.2281

Sweetspot

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



31.6540, 25.8621, 22.7258



77.3077, 76.3770, 79.8335



35.8185, 27.3629, 52.1088



16.6947, 16.3538, 16.9903



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.6540, 25.8621, 22.7258



52.8544, 40.2474, 32.2925



35.4000, 33.8520, 22.4393



9.5571, 9.5471, 10.0565



14.1823, 7.3041, 0.9876



0.5651, 0.2899, 0.0889

Inverse Universe

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



31.6540, 25.8621, 22.7258



52.8544, 40.2474, 32.2925



29.7569, 33.1434, 53.5440



9.5571, 9.5471, 10.0565



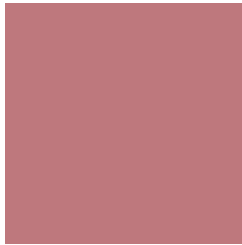
14.1823, 7.3041, 0.9876



0.5651, 0.2899, 0.0889

Previews

White Background



This preview shows how the XYZ color 31.6533, 25.8608, 22.7253 looks on a white background.

Color Contrast Check

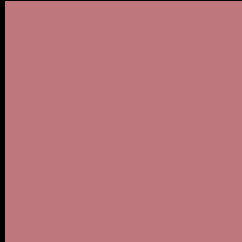
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6533, 25.8608, 22.7253 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 31.6533, 25.8608, 22.7253

Background



This preview shows how black text looks on a background with the XYZ color 31.6533, 25.8608, 22.7253.



This preview shows how white text looks on a background with the XYZ color 31.6533, 25.8608,

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

31.6533, 25.8608, 22.7253

Protanopia

24.9335, 26.0541, 26.6365

Deuteranopia

26.3360, 25.8263, 22.0093



Tritanopia

31.7283, 25.6993, 23.7103

Trichromacy



Original Color

31.6533, 25.8608, 22.7253

Protanomaly

26.8452, 25.6148, 25.0020

Deuteranomaly

28.0030, 25.6766, 22.2191

Tritanomaly

31.6628, 25.6731, 23.3653

Monochromacy



Original Color

31.6533, 25.8608, 22.7253

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2671, 26.1987, 26.9123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6533, 25.8608, 22.7253 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(190, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(190, 120, 125)  
}
```

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(190, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 120, 125) }
```

Border

The CSS property to change the border of an element to XYZ 31.6533, 25.8608, 22.7253 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(190, 120, 125) }
```


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

```
.border{ border-color:rgb(190, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(190, 120,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6533, 25.8608, 22.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 120, 125) }
```

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

```
.background{ background-color: rgb(190,  
120, 125) }
```

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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