

Converting Colors

XYZ(31.1709, 25.5441, 22.6247)

Have a look what the booklet for
XYZ(31.1709, 25.5441, 22.6247)
contains.

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Color

**XYZ(31.1572, 25.6050,
22.7021)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BC787D |
| RGB | 188, 120, 125 |
| RGB Percent | 74%, 47%, 49% |
| CMY | 0.2627, 0.5294, 0.5098 |
| CMYK | 0.00, 0.36, 0.34, 0.26 |
| HSL | 356°, 34%, 60% |
| HSV | 356°, 36%, 74% |
| XYZ | 31.1572, 25.6050, 22.7021 |
| YIQ | 140.9020, 38.9230, 15.9710 |

Conversions

Conversions Part 2

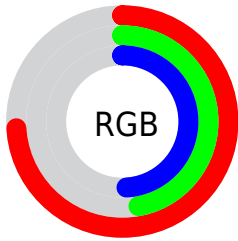
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 188, 120, 125 |
| Decimal | 12351613 |
| CIE Lab | 57.66, 27.25, 8.41 |
| CIE LCh | 58, 28.520, 17.141 |
| Yxy | 25.6050, 0.3921, 0.3222 |
| Android (android.graphics.Color) | 4290541693 (0xFFBC787D) |
| YUV | 140.9020, -7.8397, 41.3049 |
| Hunter-Lab | 50.6014, 21.3568, 8.8208 |

Details

The XYZ color **31.1572, 25.6050, 22.7021** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.2774, 43.3790, 51.3686**, and the grayscale version is **25.2987, 26.6162, 28.9851**.

A 20% lighter version of the original color is **60.9855, 52.6943, 49.0762**, and **13.1675, 9.8887, 8.0522** is the 20% darker color. If you saturate the color by 10%, you get **28.0973, 21.1125, 16.6652**, and if you desaturate by 10%, it is **34.8576, 31.0659, 29.9158**.

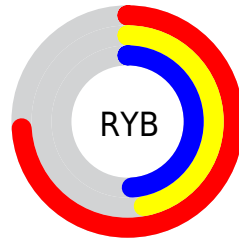
Distribution



Red (74%)

Green (47%)

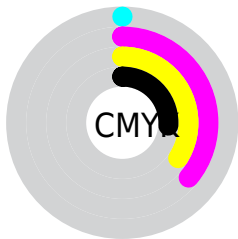
Blue (49%)



Red (74%)

Yellow (47%)

Blue (49%)

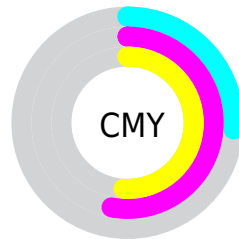


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1572, 25.6050, 22.7021 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 31.1572, 25.6050, 22.7021 by changing the saturation by 10% instead.


 31.1572, 25.6050,
22.7021


 31.1572, 25.6050,
22.7021


299.0758,
280.8376, 279.2634


 20.8710, 16.5284,
14.1705

 60.8616, 52.6370,
48.8207

 13.1417, 9.8988,
8.0992


 81.0106, 71.3612,
67.2447

 7.6038, 5.3319,
4.0698


 105.1778, 94.0700,
89.8033

 3.8922, 2.4433,
1.6637

133.7287,
121.1479, 116.9150

 1.6413, 0.8480,
0.3357

167.0286,
152.9792, 148.9983

 0.4191, 0.0000,
0.0000

205.4429,

 0.0000, 0.0000,

189.9483, 186.4718

0.0000

249.3368,
232.4397, 229.7539

■ 31.1572, 25.6050,
22.7021

■ 31.1572, 25.6050,
22.7021

■ 28.0973, 21.1125,
16.6652

■ 34.8576, 31.0659,
29.9158

■ 25.6394, 17.5282,
11.7413

■ 39.2297, 37.5430,
38.3625

■ 23.7444, 14.7914,
7.8626


■ 44.3054, 45.0858,
48.0967


■ 22.3675, 12.8323,
4.9535


■ 50.1139, 53.7391,
59.1692


■ 21.4569, 11.5697,
2.9281


■ 56.6826, 63.5454,
71.6279

 20.9479, 10.9001,
1.6847

 64.0375, 74.5448,
85.5185

 20.8171, 10.7226,
1.3813

 72.2036, 86.7757,
100.8845

 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



31.3070, 25.6050, 32.2721



31.1572, 25.6050, 22.7021



29.0759, 25.6050, 16.2533

Triad

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



31.1572, 25.6050, 22.7021



19.8389, 25.6050, 16.9557



22.9062, 25.6050, 50.4928

Complementary

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



31.1572, 25.6050, 22.7021



34.2774, 43.3790, 51.3686

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.



20.1428, 25.6050, 44.0386



31.1572, 25.6050, 22.7021



18.4865, 25.6050, 23.9048

Square

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



31.1572, 25.6050, 22.7021



22.4546, 25.6050, 13.5072



18.5923, 25.6050, 33.7897



26.3213, 25.6050, 49.9551

Rectangle

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



31.1572, 25.6050, 22.7021



26.9744, 25.6050, 13.9064



18.5923, 25.6050, 33.7897



21.8769, 25.6050, 49.0156

Sweetspot

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



31.1579, 25.6062, 22.7026



75.5231, 74.6124, 78.0275



35.1646, 27.0508, 50.9450



15.9758, 15.6512, 16.2708



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.



31.1579, 25.6062, 22.7026



52.1845, 40.1124, 32.7070



34.7723, 33.3331, 22.3721



9.5578, 9.5474, 10.0606



14.1843, 7.3049, 0.9980



0.5654, 0.2901, 0.0907

Inverse Universe

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



31.1579, 25.6062, 22.7026



52.1845, 40.1124, 32.7070



29.3370, 32.6512, 52.3331



9.5578, 9.5474, 10.0606



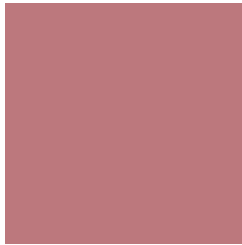
14.1843, 7.3049, 0.9980



0.5654, 0.2901, 0.0907

Previews

White Background



This preview shows how the XYZ color 31.1572, 25.6050, 22.7021 looks on a white background.

Color Contrast Check

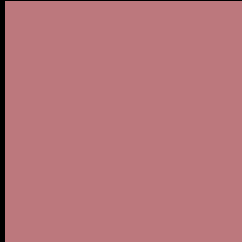
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1572, 25.6050, 22.7021 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 31.1572, 25.6050, 22.7021

Background



This preview shows how black text looks on a background with the XYZ color 31.1572, 25.6050, 22.7021.



This preview shows how white text looks on a background with the XYZ color 31.1572, 25.6050,

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

31.1572, 25.6050, 22.7021

Protanopia

24.6170, 25.6770, 26.5804

Deuteranopia

26.2008, 25.7494, 22.3281



Tritanopia

31.2321, 25.4435, 23.6871

Trichromacy



Original Color

31.1572, 25.6050, 22.7021

Protanomaly

26.5111, 25.2422, 24.9477

Deuteranomaly

27.8505, 25.5908, 22.5404

Tritanomaly

31.1666, 25.4173, 23.3420

Monochromacy



Original Color

31.1572, 25.6050, 22.7021

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.8613, 25.7934, 26.4846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1572, 25.6050, 22.7021 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(188, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 120, 125) }
```

Border

The CSS property to change the border of an element to XYZ 31.1572, 25.6050, 22.7021 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(188, 120, 125) }
```


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

```
.border{ border-color:rgb(188, 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(188, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 120,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1572, 25.6050, 22.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 120, 125) }
```

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

```
.background{ background-color: rgb(188,  
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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