

Converting Colors

XYZ(30.2125, 24.0801, 22.4576)

Have a look what the booklet for
XYZ(30.2125, 24.0801, 22.4576)
contains.

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Color

**XYZ(30.2125, 24.0801,
22.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	BB727D
RGB	187, 114, 125
RGB Percent	73%, 45%, 49%
CMY	0.2667, 0.5529, 0.5098
CMYK	0.00, 0.39, 0.33, 0.27
HSL	351°, 35%, 59%
HSV	351°, 39%, 73%
XYZ	30.2125, 24.0801, 22.4576
YIQ	137.0810, 39.9770, 18.8970

Conversions

Conversions Part 2

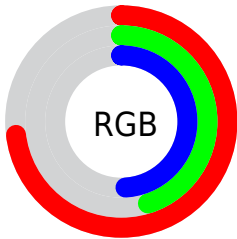
Format	Color
R _Y B	187, 114, 125
Decimal	12284541
CIE Lab	56.17, 30.17, 6.26
CIE LCh	56, 30.809, 11.724
Yxy	24.0801, 0.3936, 0.3137
Android (android.graphics.Color)	4290474621 (0xFFBB727D)
YUV	137.0810, -5.9559, 43.7790
Hunter-Lab	49.0715, 24.0244, 7.2159

Details

The XYZ color **30.2125, 24.0801, 22.4576** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.5473, 42.2532, 47.5168**, and the grayscale version is **23.8203, 25.0608, 27.2912**.

A 20% lighter version of the original color is **59.5108, 50.2643, 48.6849**, and **12.6536, 9.0941, 7.9259** is the 20% darker color. If you saturate the color by 10%, you get **27.3799, 19.9110, 16.9014**, and if you desaturate by 10%, it is **33.6398, 29.1789, 29.0131**.

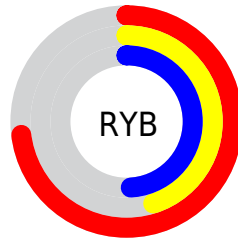
Distribution



Red (73%)

Green (45%)

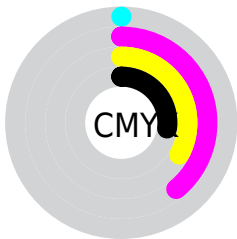
Blue (49%)



Red (73%)

Yellow (45%)

Blue (49%)

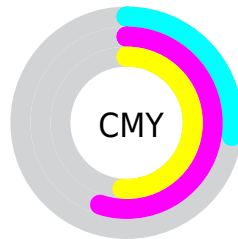


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2125, 24.0801, 22.4576 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 30.2125, 24.0801, 22.4576 by changing the saturation by 10% instead.


 30.2125, 24.0801,
22.4576


 30.2125, 24.0801,
22.4576

294.7858,
273.2252, 277.9578


 20.1488, 15.3931,
13.9920


 59.3824, 50.1609,
48.4130


 12.6122, 9.0957,
7.9764


 79.2193, 68.3234,
66.7399

 7.2372, 4.8037,
3.9923


 103.0447, 90.4132,
89.1909

 3.6585, 2.1325,
1.6211

 131.2239,
116.8147, 116.1847

 1.5108, 0.6828,
0.3058

164.1222,
147.9122, 148.1398

 0.3332, 0.0000,
0.0000

202.1051,

 0.0000, 0.0000,

184.0902, 185.4746

0.0000

245.5378,
225.7331, 228.6078

■ 30.2125, 24.0801,
22.4576

■ 30.2125, 24.0801,
22.4576

■ 27.3799, 19.9110,
16.9014

■ 33.6398, 29.1789,
29.0131

■ 25.1061, 16.6119,
12.2937

■ 37.6914, 35.2550,
36.6125

■ 23.3538, 14.1222,
8.5814


■ 42.3970, 42.3573,
45.2991


■ 22.0808, 12.3713,
5.7055


■ 47.7839, 50.5301,
55.1137


■ 21.2377, 11.2771,
3.5995

■ 53.8780, 59.8153,
66.0947


 20.7437, 10.6962,
2.1797

 60.7037, 70.2523,
78.2789

 20.7052, 10.6495,
2.0735

 68.2841, 81.8790,
91.7012

 73.8346, 89.1172,
105.4598

 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.



29.9710, 24.0801, 32.8133



30.2125, 24.0801, 22.4576



28.3474, 24.0801, 15.2759

Triad

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



30.2125, 24.0801, 22.4576



18.6533, 24.0801, 14.2039



20.8204, 24.0801, 49.4012

Complementary

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



30.2125, 24.0801, 22.4576



32.5473, 42.2532, 47.5168

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.



18.1778, 24.0801, 41.4343



30.2125, 24.0801, 22.4576



17.0183, 24.0801, 20.5735

Square

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



30.2125, 24.0801, 22.4576



21.5333, 24.0801, 11.3992



16.8537, 24.0801, 30.3789



24.2972, 24.0801, 50.2854

Rectangle

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



30.2125, 24.0801, 22.4576



26.2624, 24.0801, 12.5356



16.8537, 24.0801, 30.3789



19.8147, 24.0801, 47.3828

Sweetspot

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



30.2131, 24.0813, 22.4581



73.1406, 71.6395, 76.0004



32.6295, 24.7184, 50.0651



15.8599, 15.4033, 16.2815



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.



30.2131, 24.0813, 22.4581



49.6272, 36.5236, 31.4425



32.6680, 30.0536, 20.0002



9.5872, 9.5592, 10.2151



14.2832, 7.3444, 1.5189



0.5784, 0.2952, 0.1589

Inverse Universe

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



30.2131, 24.0813, 22.4581



49.6272, 36.5236, 31.4425



28.9481, 33.2424, 51.9044



9.5872, 9.5592, 10.2151



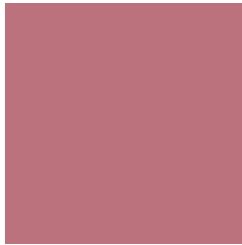
14.2832, 7.3444, 1.5189



0.5784, 0.2952, 0.1589

Previews

White Background



This preview shows how the XYZ color 30.2125, 24.0801, 22.4576 looks on a white background.

Color Contrast Check

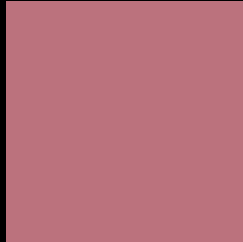
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2125, 24.0801, 22.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

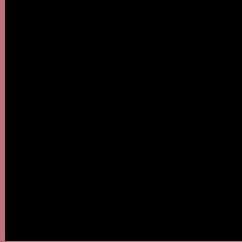
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2125, 24.0801, 22.4576

Background



This preview shows how black text looks on a background with the XYZ color 30.2125, 24.0801, 22.4576.



This preview shows how white text looks on a background with the XYZ color 30.2125, 24.0801,

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

30.2125, 24.0801, 22.4576

Protanopia

23.2856, 24.1461, 26.7259

Deuteranopia

24.6324, 24.1427, 21.7741



Tritanopia

30.0860, 24.0295, 21.7913

Trichromacy



Original Color

30.2125, 24.0801, 22.4576

Protanomaly

25.2718, 23.8132, 25.0942

Deuteranomaly

26.2999, 23.8447, 21.9552

Tritanomaly

30.1489, 24.0547, 22.1228

Monochromacy



Original Color

30.2125, 24.0801, 22.4576

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6015, 24.3625, 25.5434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2125, 24.0801, 22.4576 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, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(187, 114, 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(187, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.2125, 24.0801, 22.4576 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, 114, 125) }
```


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

```
.border{ border-color:rgb(187, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(187, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2125, 24.0801, 22.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 114, 125) }
```

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

```
.background{ background-color: rgb(187,  
114, 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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