

Converting Colors

XYZ(30.2808, 25.5092, 22.0750)

Have a look what the booklet for
XYZ(30.2808, 25.5092, 22.0750)
contains.

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Color

**XYZ(30.3018, 25.5395,
22.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	B87A7B
RGB	184, 122, 123
RGB Percent	72%, 48%, 48%
CMY	0.2784, 0.5215, 0.5176
CMYK	0.00, 0.34, 0.33, 0.28
HSL	359°, 30%, 60%
HSV	359°, 34%, 72%
XYZ	30.3018, 25.5395, 22.0714
YIQ	140.6520, 36.6310, 13.4550

Conversions

Conversions Part 2

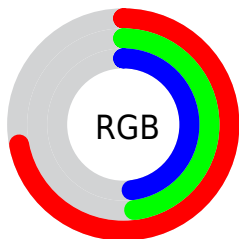
Format	Color
RYB	184, 122, 123
Decimal	12089979
CIELab	57.60, 24.34, 9.41
CIELCh	58, 26.094, 21.128
Yxy	25.5395, 0.3889, 0.3278
Android (android.graphics.Color)	4290280059 (0xFFB87A7B)
YUV	140.6520, -8.7024, 38.0162
Hunter-Lab	50.5366, 18.5897, 9.4813

Details

The XYZ color **30.3018, 25.5395, 22.0714** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.7149, 41.8379, 51.1005**, and the grayscale version is **25.2048, 26.5174, 28.8774**.

A 20% lighter version of the original color is **59.3435, 52.4559, 47.5547**, and **12.6067, 9.7963, 7.7050** is the 20% darker color. If you saturate the color by 10%, you get **27.2223, 21.0294, 15.9610**, and if you desaturate by 10%, it is **34.0201, 30.9913, 29.4293**.

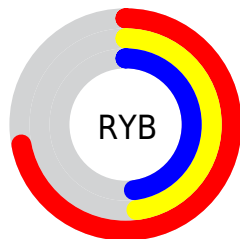
Distribution



Red (72%)

Green (48%)

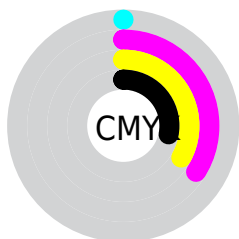
Blue (48%)



Red (72%)

Yellow (48%)

Blue (48%)

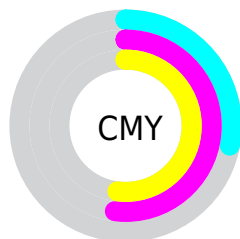


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3018, 25.5395, 22.0714 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 30.3018, 25.5395, 22.0714 by changing the saturation by 10% instead.


 30.3018, 25.5395,
22.0714


 30.3018, 25.5395,
22.0714


295.1933,
280.5141, 275.8846


 20.2170, 16.4795,
13.7106


 59.5225, 52.5311,
47.7677

 12.6620, 9.8641,
7.7832


 79.3891, 71.2315,
65.9402

 7.2716, 5.3089,
3.8707

 103.2470, 93.9140,
88.2203

 3.6804, 2.4296,
1.5547

131.4615,
120.9632, 115.0267

 1.5230, 0.8411,
0.2582

164.3980,
152.7635, 146.7777

 0.3414, 0.0000,
0.0000

202.4220,

 0.0000, 0.0000,

189.6991, 183.8920

0.0000

245.8986,
232.1545, 226.7881

■ 30.3018, 25.5395,
22.0714

■ 30.3018, 25.5395,
22.0714

■ 27.2223, 21.0294,
15.9610

■ 34.0201, 30.9913,
29.4293

■ 24.7436, 17.4044,
11.0276

■ 38.4080, 37.4301,
38.0968

■ 22.8272, 14.6073,
7.1959


■ 43.4970, 44.9025,
48.1339


■ 21.4291, 12.5729,
4.3814


■ 49.3158, 53.4513,
59.5962


■ 20.4988, 11.2260,
2.4873


■ 55.8917, 63.1167,
72.5364

 19.9757, 10.4765,
1.3982

 63.2505, 73.9369,
87.0044

 19.7833, 10.1968,
1.0103

 71.4167, 85.9482,
103.0479

 73.5771, 88.9303,
107.8951

Harmonies

Analogous

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



30.6872, 25.5395, 30.5388



30.3018, 25.5395, 22.0714



28.2313, 25.5395, 16.4759

Triad

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



30.3018, 25.5395, 22.0714



19.9031, 25.5395, 18.3713



23.3623, 25.5395, 48.4359

Complementary

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



30.3018, 25.5395, 22.0714



33.7149, 41.8379, 51.1005

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.



20.7059, 25.5395, 43.4173



30.3018, 25.5395, 22.0714



18.8239, 25.5395, 25.2453

Square

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



30.3018, 25.5395, 22.0714



22.1787, 25.5395, 14.6791



19.1047, 25.5395, 34.4617



26.4984, 25.5395, 47.0764

Rectangle

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



30.3018, 25.5395, 22.0714



26.2641, 25.5395, 14.5287



19.1047, 25.5395, 34.4617



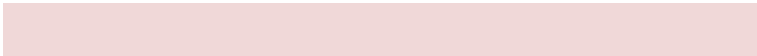
22.3880, 25.5395, 47.4054

Sweetspot

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



30.3025, 25.5407, 22.0719



72.7297, 72.4101, 75.1870



35.1324, 27.4442, 48.7929



15.4102, 15.2155, 15.6784



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.3025, 25.5407, 22.0719



50.9181, 40.4203, 32.0520



34.5035, 34.0421, 23.1663



9.0103, 9.0145, 9.4017



13.6371, 7.0286, 0.7096



0.4827, 0.2486, 0.0355

Inverse Universe

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



30.3025, 25.5407, 22.0719



50.9181, 40.4203, 32.0520



28.2400, 30.7216, 49.7887



9.0103, 9.0145, 9.4017



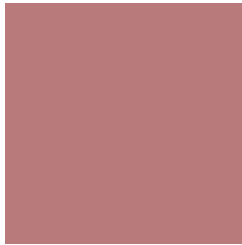
13.6371, 7.0286, 0.7096



0.4827, 0.2486, 0.0355

Previews

White Background



This preview shows how the XYZ color 30.3018, 25.5395, 22.0714 looks on a white background.

Color Contrast Check

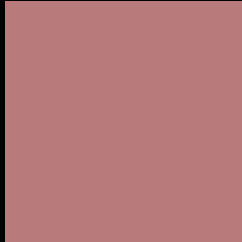
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3018, 25.5395, 22.0714 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 30.3018, 25.5395, 22.0714

Background



This preview shows how black text looks on a background with the XYZ color 30.3018, 25.5395, 22.0714.



This preview shows how white text looks on a background with the XYZ color 30.3018, 25.5395,

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

30.3018, 25.5395, 22.0714

Protanopia

24.5810, 25.6825, 25.4915

Deuteranopia

26.2744, 25.8016, 21.6846



Tritanopia

30.8742, 25.6007, 24.4333

Trichromacy



Original Color

30.3018, 25.5395, 22.0714

Protanomaly

26.3143, 25.3566, 24.2763

Deuteranomaly

27.6439, 25.6952, 21.9150

Tritanomaly

30.6757, 25.5213, 23.3880

Monochromacy



Original Color

30.3018, 25.5395, 22.0714

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.7328, 25.9395, 26.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3018, 25.5395, 22.0714 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(184, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 123)  
}
```

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(184, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 123) }
```

Border

The CSS property to change the border of an element to XYZ 30.3018, 25.5395, 22.0714 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(184, 122, 123) }
```


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

```
.border{ border-color:rgb(184, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3018, 25.5395, 22.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 123) }
```

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

```
.background{ background-color: rgb(184,  
122, 123) }
```

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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