

Converting Colors

XYZ(33.4637, 29.4212, 22.6282)

Have a look what the booklet for
XYZ(33.4637, 29.4212, 22.6282)
contains.

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Color

**XYZ(33.5861, 29.5566,
22.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	BF867B
RGB	191, 134, 123
RGB Percent	75%, 53%, 48%
CMY	0.2510, 0.4745, 0.5176
CMYK	0.00, 0.30, 0.36, 0.25
HSL	10°, 35%, 62%
HSV	10°, 36%, 75%
XYZ	33.5861, 29.5566, 22.6737
YIQ	149.7890, 37.5030, 8.6630

Conversions

Conversions Part 2

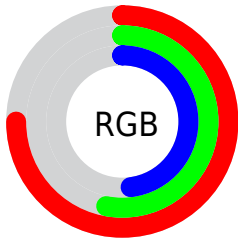
Format	Color
RYB	191, 136, 123
Decimal	12551803
CIELab	61.27, 20.43, 14.68
CIELCh	61, 25.157, 35.695
Yxy	29.5566, 0.3914, 0.3444
Android (android.graphics.Color)	4290741883 (0xFFBF867B)
YUV	149.7890, -13.2070, 36.1420
Hunter-Lab	54.3660, 15.1329, 13.3289

Details

The XYZ color **33.5861, 29.5566, 22.6737** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8930, 40.6136, 55.3431**, and the grayscale version is **28.9437, 30.4510, 33.1612**.

A 20% lighter version of the original color is **64.7880, 59.2013, 48.5697**, and **14.5597, 12.0693, 8.0408** is the 20% darker color. If you saturate the color by 10%, you get **30.4575, 25.0297, 16.2963**, and if you desaturate by 10%, it is **37.2846, 34.8496, 30.3925**.

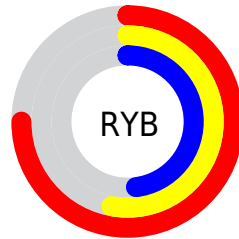
Distribution



Red (75%)

Green (53%)

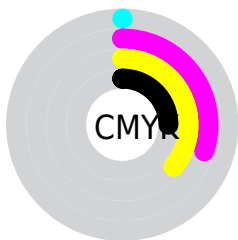
Blue (48%)



Red (75%)

Yellow (53%)

Blue (48%)

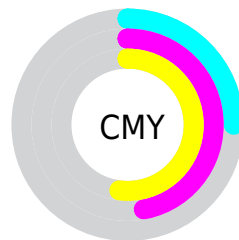


Cyan (0%)

Magenta (30%)

Yellow (36%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5861, 29.5566, 22.6737 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 33.5861, 29.5566, 22.6737 by changing the saturation by 10% instead.

■ 33.5861, 29.5566,
22.6737

■ 33.5861, 29.5566,
22.6737

309.9010,
299.8322, 279.1120

■ 22.7372, 19.5023,
14.1497

■ 64.6381, 58.9603,
48.7734

■ 14.5192, 12.0338,
8.0849

■ 85.5719, 79.0784,
67.1861

■ 8.5668, 6.7667,
4.0608

■ 110.5980,
103.3199, 89.7323

■ 4.5145, 3.3166,
1.6588

140.0818,
132.0692, 116.8303

■ 1.9971, 1.2992,
0.3322

174.3886,
165.7107, 148.8987

■ 0.6324, 0.1406,
0.0000

213.8839,

■ 0.0000, 0.0000,

204.6287, 186.3561

0.0000

258.9329,
249.2078, 229.6210

■ 33.5861, 29.5566,
22.6737

■ 33.5861, 29.5566,
22.6737

■ 30.4575, 25.0297,
16.2963

■ 37.2846, 34.8496,
30.3925

■ 27.8677, 21.2292,
11.1818

■ 41.5771, 40.9376,
39.5217

■ 25.7864, 18.1182,
7.2462


■ 46.4894, 47.8531,
50.1273


■ 24.1791, 15.6547,
4.3946


■ 52.0449, 55.6257,
62.2711

■ 23.0068, 13.7924,
2.5172

■ 58.2659, 64.2835,
76.0110

 22.2234, 12.4778,
1.4784

 65.1734, 73.8530,
91.4020

 21.9735, 12.0516,
1.1681

 72.5127, 84.2500,
107.0478

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



34.9150, 29.5566, 30.4066



33.5861, 29.5566, 22.6737



30.7950, 29.5566, 18.2623

Triad

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



33.5861, 29.5566, 22.6737



22.6813, 29.5566, 25.2465



28.7291, 29.5566, 53.9454

Complementary

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



33.5861, 29.5566, 22.6737



33.8930, 40.6136, 55.3431

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.



25.5532, 29.5566, 51.8208



33.5861, 29.5566, 22.6737



22.2225, 29.5566, 34.0255

Square

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



33.5861, 29.5566, 22.6737



24.5397, 29.5566, 19.5306



23.2335, 29.5566, 44.0346



31.9730, 29.5566, 49.3748

Rectangle

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



33.5861, 29.5566, 22.6737



28.5732, 29.5566, 17.2108



23.2335, 29.5566, 44.0346



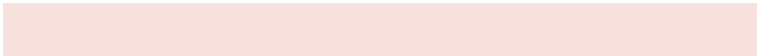
27.6176, 29.5566, 53.9998

Sweetspot

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



33.5869, 29.5580, 22.6743



78.2206, 78.6171, 78.8604



36.8890, 28.5706, 47.1791



16.9158, 16.8962, 16.7550



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.



33.5869, 29.5580, 22.6743



55.5495, 46.2830, 31.2009



38.9166, 40.2174, 24.4508



9.6516, 9.7791, 9.9555



14.4805, 7.9998, 0.7809



0.6068, 0.3926, 0.0438

Inverse Universe

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



33.8930, 40.6136, 55.3431



56.1606, 69.0695, 98.6509



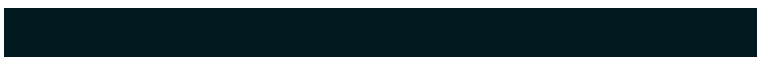
27.9753, 28.7781, 53.3705



9.6736, 10.5395, 12.1967



14.5015, 19.1148, 35.3181



0.6037, 0.8201, 1.3953

Previews

White Background



This preview shows how the XYZ color 33.5861, 29.5566, 22.6737 looks on a white background.

Color Contrast Check

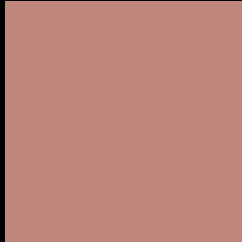
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5861, 29.5566, 22.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

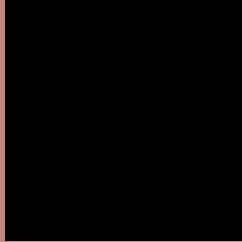
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5861, 29.5566, 22.6737

Background



This preview shows how black text looks on a background with the XYZ color 33.5861, 29.5566, 22.6737.



This preview shows how white text looks on a background with the XYZ color 33.5861, 29.5566,

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

33.5861, 29.5566, 22.6737

Protanopia

28.1367, 29.7601, 25.3804

Deuteranopia

30.1374, 29.4971, 22.1943



Tritanopia

34.9163, 29.4931, 29.0518

Trichromacy



Original Color

33.5861, 29.5566, 22.6737

Protanomaly

29.8017, 29.5021, 24.2024

Deuteranomaly

31.3359, 29.4541, 22.4460

Tritanomaly

34.2926, 29.4302, 26.4274

Monochromacy



Original Color

33.5861, 29.5566, 22.6737

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.2239, 29.8393, 28.9775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5861, 29.5566, 22.6737 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(191, 134, 123)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 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(191, 134, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 123) }
```

Border

The CSS property to change the border of an element to XYZ 33.5861, 29.5566, 22.6737 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(191, 134, 123) }
```


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

```
.border{ border-color:rgb(191, 134, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 134, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 123);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5861, 29.5566, 22.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 134, 123) }
```

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

```
.background{ background-color: rgb(191,  
134, 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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