

Converting Colors

XYZ(32.4802, 29.2217, 22.4713)

Have a look what the booklet for
XYZ(32.4802, 29.2217, 22.4713)
contains.

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Color

**XYZ(32.4265, 29.1722,
22.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	BA877A
RGB	186, 135, 122
RGB Percent	73%, 53%, 48%
CMY	0.2706, 0.4706, 0.5216
CMYK	0.00, 0.27, 0.34, 0.27
HSL	12°, 32%, 60%
HSV	12°, 34%, 73%
XYZ	32.4265, 29.1722, 22.3341
YIQ	148.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

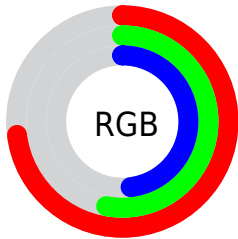
Format	Color
R_{YB}	186, 138, 122
Decimal	12224378
CIE _{Lab}	60.93, 17.76, 14.69
CIE _{LCh}	61, 23.054, 39.594
Yxy	29.1722, 0.3863, 0.3476
Android (android.graphics.Color)	4290414458 (0xFFBA877A)
YUV	148.7670, -13.1961, 32.6533
Hunter-Lab	54.0113, 12.6454, 13.2910

Details

The XYZ color **32.4265, 29.1722, 22.3341** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.8319, 37.5685, 52.0280**, and the grayscale version is **28.5133, 29.9982, 32.6681**.

A 20% lighter version of the original color is **62.5853, 58.0771, 47.9558**, and **13.8112, 11.8033, 7.8537** is the 20% darker color. If you saturate the color by 10%, you get **29.4567, 24.9037, 16.1921**, and if you desaturate by 10%, it is **35.9063, 34.1074, 29.7349**.

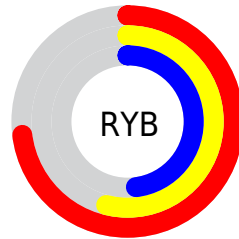
Distribution



Red (73%)

Green (53%)

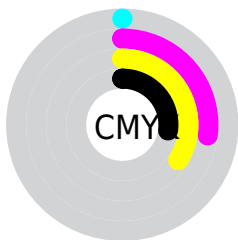
Blue (48%)



Red (73%)

Yellow (54%)

Blue (48%)

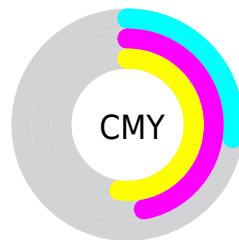


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4265, 29.1722, 22.3341 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 32.4265, 29.1722, 22.3341 by changing the saturation by 10% instead.


 32.4265, 29.1722,
22.3341


 32.4265, 29.1722,
22.3341


304.7684,
298.0266, 277.2963


 21.8446, 19.2111,
13.9019


 62.8398, 58.3506,
48.2068

 13.8587, 11.8229,
7.9145

 83.4019, 78.3366,
66.4845

 8.1035, 6.6232,
3.9533


 108.0215,
102.4332, 88.8810

 4.2136, 3.2276,
1.5998

137.0638,
131.0246, 115.8150

 1.8237, 1.2517,
0.2907

170.8944,
164.4952, 147.7050

 0.5319, 0.1033,
0.0000

209.8784,

 0.0000, 0.0000,

203.2295, 184.9695

0.0000

254.3813,
247.6118, 228.0271

■ 32.4265, 29.1722,
22.3341

■ 32.4265, 29.1722,
22.3341

■ 29.4567, 24.9037,
16.1921

■ 35.9063, 34.1074,
29.7349

■ 26.9702, 21.2692,
11.2368

■ 39.9166, 39.7321,
38.4577

■ 24.9411, 18.2391,
7.3914


■ 44.4795, 46.0732,
48.5635


■ 23.3403, 15.7799,
4.5690


■ 49.6151, 53.1547,
60.1091


■ 22.1350, 13.8548,
2.6701


■ 55.3426, 60.9996,
73.1479

 21.2868, 12.4222,
1.5745

 61.6803, 69.6299,
87.7308

 20.9362, 11.8121,
1.1765

 68.6455, 79.0667,
103.9060

 73.6053, 88.2704,
107.7662

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



33.8291, 29.1722, 29.0825



32.4265, 29.1722, 22.3341



29.7929, 29.1722, 18.6323

Triad

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



32.4265, 29.1722, 22.3341



22.6528, 29.1722, 26.3318



28.7023, 29.1722, 51.0522

Complementary

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



32.4265, 29.1722, 22.3341



31.8319, 37.5685, 52.0280

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.



25.7594, 29.1722, 49.9519



32.4265, 29.1722, 22.3341



22.4072, 29.1722, 34.6045

Square

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



32.4265, 29.1722, 22.3341



24.2025, 29.1722, 20.6343



23.5056, 29.1722, 43.5316



31.5787, 29.1722, 46.3114

Rectangle

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



32.4265, 29.1722, 22.3341



27.7683, 29.1722, 17.9137



23.5056, 29.1722, 43.5316



27.6863, 29.1722, 51.3701

Sweetspot

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



32.4273, 29.1736, 22.3347



75.7356, 76.7319, 77.1659



34.7716, 27.3833, 43.0896



16.4256, 16.5462, 16.4351



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.



32.4273, 29.1736, 22.3347



54.7728, 47.1355, 32.1690



37.5448, 39.4086, 24.0405



9.1485, 9.2999, 9.4198



14.1293, 8.0350, 0.8062



0.5421, 0.3713, 0.0431

Inverse Universe

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



31.8319, 37.5685, 52.0280



53.5193, 64.5381, 93.8377



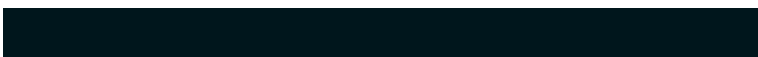
26.4436, 26.7918, 50.2319



9.1075, 9.8923, 11.5088



13.1633, 16.7864, 33.7994



0.5039, 0.6714, 1.2048

Previews

White Background



This preview shows how the XYZ color 32.4265, 29.1722, 22.3341 looks on a white background.

Color Contrast Check

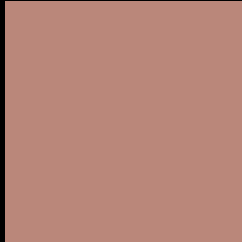
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4265, 29.1722, 22.3341 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 32.4265, 29.1722, 22.3341

Background



This preview shows how black text looks on a background with the XYZ color 32.4265, 29.1722, 22.3341.



This preview shows how white text looks on a background with the XYZ color 32.4265, 29.1722,

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

32.4265, 29.1722, 22.3341

Protanopia

27.6564, 29.2960, 24.6191

Deuteranopia

29.9188, 29.3844, 22.1840



Tritanopia

33.8728, 29.1469, 29.4318

Trichromacy



Original Color

32.4265, 29.1722, 22.3341

Protanomaly

29.3142, 29.2583, 23.8410

Deuteranomaly

30.5883, 29.0758, 22.0892

Tritanomaly

33.2542, 29.0891, 26.7837

Monochromacy



Original Color

32.4265, 29.1722, 22.3341

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5338, 29.4920, 28.5620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4265, 29.1722, 22.3341 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(186, 135, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 135, 122)  
}
```

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(186, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 135, 122) }
```

Border

The CSS property to change the border of an element to XYZ 32.4265, 29.1722, 22.3341 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(186, 135, 122) }
```


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

```
.border{ border-color:rgb(186, 135, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 135, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 135, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 135, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 135,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4265, 29.1722, 22.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 135, 122) }
```

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

```
.background{ background-color: rgb(186,  
135, 122) }
```

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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