

Converting Colors

XYZ(32.5045, 30.4975, 22.2626)

Have a look what the booklet for
XYZ(32.5045, 30.4975, 22.2626)
contains.

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Color

**XYZ(32.5045, 30.4975,
22.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	B78D79
RGB	183, 141, 121
RGB Percent	72%, 55%, 47%
CMY	0.2824, 0.4470, 0.5255
CMYK	0.00, 0.23, 0.34, 0.28
HSL	19°, 30%, 60%
HSV	19°, 34%, 72%
XYZ	32.5045, 30.4975, 22.2626
YIQ	151.2780, 31.4520, 2.6840

Conversions

Conversions Part 2

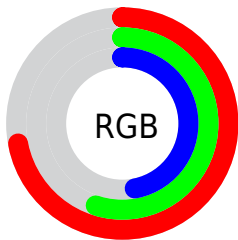
Format	Color
RYB	183, 151, 121
Decimal	12029305
CIELab	62.08, 13.10, 16.80
CIELCh	62, 21.301, 52.057
Yxy	30.4975, 0.3812, 0.3577
Android (android.graphics.Color)	4290219385 (0xFFB78D79)
YUV	151.2780, -14.9271, 27.8202
Hunter-Lab	55.2245, 8.4200, 14.7557

Details

The XYZ color **32.5045, 30.4975, 22.2626** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.5292, 33.6771, 49.7438**, and the grayscale version is **29.5877, 31.1285, 33.8990**.

A 20% lighter version of the original color is **62.9931, 60.5726, 47.9068**, and **13.9640, 12.6172, 7.8303** is the 20% darker color. If you saturate the color by 10%, you get **29.7605, 26.6383, 16.3266**, and if you desaturate by 10%, it is **35.6676, 34.8539, 29.3892**.

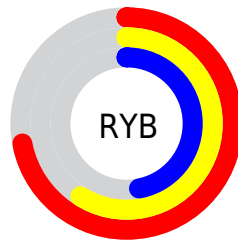
Distribution



Red (72%)

Green (55%)

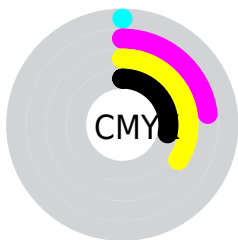
Blue (47%)



Red (72%)

Yellow (59%)

Blue (47%)

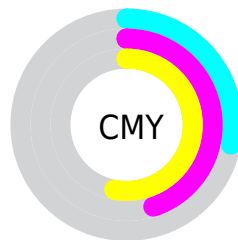


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5045, 30.4975, 22.2626 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 32.5045, 30.4975, 22.2626 by changing the saturation by 10% instead.


 32.5045, 30.4975,
22.2626


 32.5045, 30.4975,
22.2626


305.1157,
304.2166, 276.9127


 21.9045, 20.2165,
13.8498


 62.9610, 60.4481,
48.0874

 13.9030, 12.5525,
7.8787


 83.5483, 80.8864,
66.3365

 8.1345, 7.1211,
3.9308

 108.1954,
105.4794, 88.7014

 4.2336, 3.5380,
1.5875

137.2677,
134.6113, 115.6007

 1.8351, 1.4186,
0.2818

171.1305,
168.6666, 147.4530

 0.5387, 0.2304,
0.0000

210.1492,

 0.0000, 0.0000,

208.0296, 184.6767

0.0000

254.6891,
253.0848, 227.6904

■ 32.5045, 30.4975,
22.2626

■ 32.5045, 30.4975,
22.2626

■ 29.7605, 26.6383,
16.3266

■ 35.6676, 34.8539,
29.3892

■ 27.4145, 23.2537,
11.5136

■ 39.2649, 39.7205,
37.7654

■ 25.4468, 20.3258,
7.7520

■ 43.3137, 45.1151,
47.4483

■ 23.8351, 17.8336,
4.9608

■ 47.8296, 51.0532,
58.4909

■ 22.5544, 15.7543,
3.0473

■ 52.8274, 57.5499,
70.9433

■ 21.5753, 14.0625,
1.8999

■ 58.3211, 64.6195,
84.8532

■ 21.0947, 13.1997,
1.4360

■ 64.3245, 72.2758,
100.2657

■ 68.7886, 79.7075,
106.3673

■ 72.5667, 87.2638,
107.6267

Harmonies

Analogous

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



34.3930, 30.4975, 27.6321



32.5045, 30.4975, 22.2626



29.7542, 30.4975, 19.9140

Triad

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



32.5045, 30.4975, 22.2626



23.8705, 30.4975, 31.0757



31.1033, 30.4975, 50.0623

Complementary

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



32.5045, 30.4975, 22.2626



29.5292, 33.6771, 49.7438

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.



28.2330, 30.4975, 51.3919



32.5045, 30.4975, 22.2626



24.1794, 30.4975, 39.4845

Square

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



32.5045, 30.4975, 22.2626



24.8596, 30.4975, 24.4270



25.7328, 30.4975, 47.2528



33.5476, 30.4975, 43.8720

Rectangle

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



32.5045, 30.4975, 22.2626



27.8524, 30.4975, 20.0541



25.7328, 30.4975, 47.2528



30.1519, 30.4975, 51.1295

Sweetspot

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



32.5053, 30.4989, 22.2632



72.9200, 74.6152, 73.7995



33.0098, 26.3999, 38.1789



15.8865, 16.1872, 15.7782



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.



32.5053, 30.4989, 22.2632



54.3204, 49.1567, 31.4046



37.6626, 40.8136, 23.9823



9.2349, 9.4727, 9.4486



14.7720, 9.3203, 1.0204



0.5785, 0.4440, 0.0552

Inverse Universe

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



29.5292, 33.6771, 49.7438



48.1276, 55.7278, 88.4557



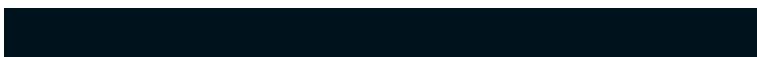
24.7338, 24.0864, 48.1453



9.0158, 9.7088, 11.4782



11.0513, 12.5623, 33.0954



0.4431, 0.5498, 1.1845

Previews

White Background



This preview shows how the XYZ color 32.5045, 30.4975, 22.2626 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.5045, 30.4975, 22.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

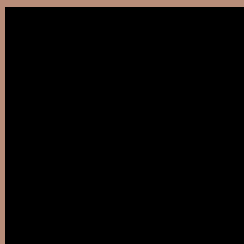
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5045, 30.4975, 22.2626

Background



This preview shows how black text looks on a background with the XYZ color 32.5045, 30.4975, 22.2626.



This preview shows how white text looks on a background with the XYZ color 32.5045, 30.4975,

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

32.5045, 30.4975, 22.2626

Protanopia

28.9061, 30.6643, 23.7973

Deuteranopia

31.0426, 30.4165, 22.0042



Tritanopia

34.5407, 30.4685, 32.0775

Trichromacy



Original Color

32.5045, 30.4975, 22.2626

Protanomaly

30.2203, 30.6475, 23.3916

Deuteranomaly

31.5727, 30.4660, 21.9858

Tritanomaly

33.6835, 30.3262, 28.1230

Monochromacy



Original Color

32.5045, 30.4975, 22.2626

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2716, 30.5474, 29.1117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5045, 30.4975, 22.2626 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(183, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(183, 141, 121)  
}
```

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(183, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 141, 121) }
```

Border

The CSS property to change the border of an element to XYZ 32.5045, 30.4975, 22.2626 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(183, 141, 121) }
```


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

```
.border{ border-color:rgb(183, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(183, 141,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5045, 30.4975, 22.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 141, 121) }
```

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

```
.background{ background-color: rgb(183,  
141, 121) }
```

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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