

Converting Colors

XYZ(31.6367, 27.9520, 22.1402)

Have a look what the booklet for
XYZ(31.6367, 27.9520, 22.1402)
contains.

XYZ(31.6367, 27.9520, 22.1402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.6367, 27.9520,
22.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	B9837A
RGB	185, 131, 122
RGB Percent	73%, 51%, 48%
CMY	0.2745, 0.4863, 0.5216
CMYK	0.00, 0.29, 0.34, 0.27
HSL	9°, 31%, 60%
HSV	9°, 34%, 73%
XYZ	31.6367, 27.9520, 22.1402
YIQ	146.1200, 35.0730, 8.6490

Conversions

Conversions Part 2

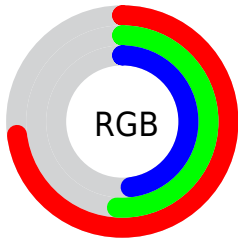
Format	Color
R_{YB}	185, 133, 122
Decimal	12157818
CIE _{Lab}	59.85, 19.59, 13.16
CIE _{LCh}	60, 23.603, 33.886
Yxy	27.9520, 0.3871, 0.3420
Android (android.graphics.Color)	4290347898 (0xFFB9837A)
YUV	146.1200, -11.8912, 34.0978
Hunter-Lab	52.8697, 14.2908, 12.1799

Details

The XYZ color **31.6367, 27.9520, 22.1402** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3077, 38.6896, 51.6640**, and the grayscale version is **27.4086, 28.8360, 31.4024**.

A 20% lighter version of the original color is **61.3984, 56.2142, 47.6588**, and **13.3509, 11.1117, 7.7444** is the 20% darker color. If you saturate the color by 10%, you get **28.6287, 23.5991, 16.0104**, and if you desaturate by 10%, it is **35.1903, 33.0467, 29.5290**.

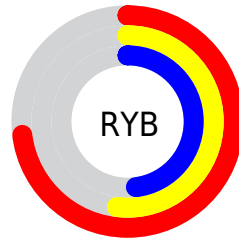
Distribution



Red (73%)

Green (51%)

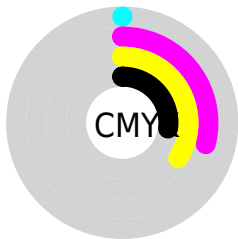
Blue (48%)



Red (73%)

Yellow (52%)

Blue (48%)

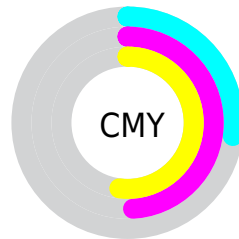


Cyan (0%)

Magenta (29%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6367, 27.9520, 22.1402 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 31.6367, 27.9520, 22.1402 by changing the saturation by 10% instead.

■ 31.6367, 27.9520,
22.1402

■ 31.6367, 27.9520,
22.1402

301.2357,
292.2375, 276.2549

■ 21.2384, 18.2895,
13.7607

■ 61.6102, 56.4078,
47.8828

■ 13.4118, 11.1580,
7.8175

■ 81.9160, 75.9699,
66.0829

■ 7.7917, 6.1732,
3.8923

■ 106.2550, 99.6006,
88.3936

■ 4.0126, 2.9507,
1.5665

134.9926,
127.6843, 115.2334

■ 1.7093, 1.1060,
0.2667

168.4941,
160.6055, 147.0209

■ 0.4621, 0.0000,
0.0000

207.1249,

■ 0.0000, 0.0000,

198.7485, 184.1746

0.0000

251.2503,
242.4977, 227.1131

■ 31.6367, 27.9520,
22.1402

■ 31.6367, 27.9520,
22.1402

■ 28.6287, 23.5991,
16.0104

■ 35.1903, 33.0467,
29.5290

■ 26.1369, 19.9494,
11.0676

■ 39.3126, 38.9114,
38.2400

■ 24.1326, 16.9671,
7.2351


■ 44.0280, 45.5778,
48.3342


■ 22.5830, 14.6114,
4.4265


■ 49.3589, 53.0746,
59.8681


■ 21.4513, 12.8370,
2.5423


■ 55.3263, 61.4289,
72.8953

 20.6949, 11.5923,
1.4634

 61.9504, 70.6669,
87.4665

 20.3868, 11.0727,
1.0627

 69.2504, 80.8133,
103.6301

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



32.7323, 27.9520, 29.3318



31.6367, 27.9520, 22.1402



29.1818, 27.9520, 17.9057

Triad

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



31.6367, 27.9520, 22.1402



21.7282, 27.9520, 23.7419



26.9594, 27.9520, 50.0163

Complementary

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



31.6367, 27.9520, 22.1402



32.3077, 38.6896, 51.6640

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.



24.1142, 27.9520, 47.7610



31.6367, 27.9520, 22.1402



21.2299, 27.9520, 31.5655

Square

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



31.6367, 27.9520, 22.1402



23.4866, 27.9520, 18.7013



22.0710, 27.9520, 40.5791



29.9068, 27.9520, 46.2687

Rectangle

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



31.6367, 27.9520, 22.1402



27.1852, 27.9520, 16.8133



22.0710, 27.9520, 40.5791



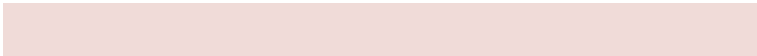
25.9593, 27.9520, 49.9386

Sweetspot

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



31.6374, 27.9533, 22.1408



73.5654, 74.1611, 75.2201



34.8632, 27.3920, 44.8360



15.6113, 15.6368, 15.6865



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.



31.6374, 27.9533, 22.1408



52.4722, 44.0075, 31.0933



36.4233, 37.5250, 23.7360



9.1054, 9.2138, 9.4054



13.9147, 7.6058, 0.7347



0.5238, 0.3346, 0.0370

Inverse Universe

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



32.3077, 38.6896, 51.6640



53.8427, 66.1783, 92.1405



26.9239, 27.9220, 49.8694



9.1543, 9.9859, 11.5244



14.3940, 19.2476, 34.2096



0.5377, 0.7390, 1.2161

Previews

White Background



This preview shows how the XYZ color 31.6367, 27.9520, 22.1402 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 31.6367, 27.9520, 22.1402 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 31.6367, 27.9520, 22.1402

Background



This preview shows how black text looks on a background with the XYZ color 31.6367, 27.9520, 22.1402.



This preview shows how white text looks on a background with the XYZ color 31.6367, 27.9520,

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

31.6367, 27.9520, 22.1402

Protanopia

26.6982, 28.1108, 24.7877

Deuteranopia

28.6202, 28.0612, 21.9971



Tritanopia

32.9312, 28.1003, 27.7330

Trichromacy



Original Color

31.6367, 27.9520, 22.1402

Protanomaly

28.1028, 27.7581, 23.6153

Deuteranomaly

29.7109, 27.9875, 21.9253

Tritanomaly

32.3972, 28.0703, 25.5404

Monochromacy



Original Color

31.6367, 27.9520, 22.1402

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.5374, 28.3295, 27.6310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6367, 27.9520, 22.1402 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(185, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(185, 131, 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(185, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 131, 122) }
```

Border

The CSS property to change the border of an element to XYZ 31.6367, 27.9520, 22.1402 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(185, 131, 122) }
```


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

```
.border{ border-color:rgb(185, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(185, 131,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6367, 27.9520, 22.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 131, 122) }
```

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

```
.background{ background-color: rgb(185,  
131, 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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