

Converting Colors

XYZ(32.9208, 31.2465, 28.3408)

Have a look what the booklet for
XYZ(32.9208, 31.2465, 28.3408)
contains.

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Color

**XYZ(32.9208, 31.2465,
28.3408)**

Conversions

Conversions Part 1

Format	Color
Hex	B2908A
RGB	178, 144, 138
RGB Percent	70%, 56%, 54%
CMY	0.3020, 0.4353, 0.4588
CMYK	0.00, 0.19, 0.22, 0.30
HSL	9°, 21%, 62%
HSV	9°, 22%, 70%
XYZ	32.9208, 31.2465, 28.3408
YIQ	153.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

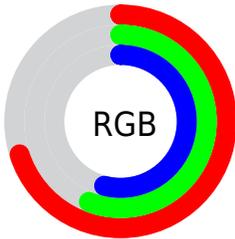
Format	Color
RYB	178, 145, 138
Decimal	11702410
CIELab	62.72, 11.85, 8.02
CIELCh	63, 14.309, 34.084
Yxy	31.2465, 0.3559, 0.3378
Android (android.graphics.Color)	4289892490 (0xFFB2908A)
YUV	153.4820, -7.6326, 21.5023
Hunter-Lab	55.8986, 7.3030, 9.0687

Details

The XYZ color **32.9208, 31.2465, 28.3408** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2692, 38.1216, 47.7244**, and the grayscale version is **30.5146, 32.1037, 34.9610**.

A 20% lighter version of the original color is **63.5297, 61.6422, 57.8400**, and **14.2216, 13.0700, 11.0057** is the 20% darker color. If you saturate the color by 10%, you get **29.5965, 26.4939, 21.3873**, and if you desaturate by 10%, it is **36.7651, 36.7006, 36.5104**.

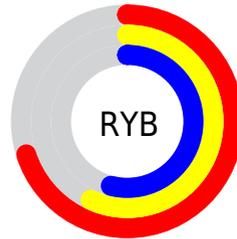
Distribution



Red (70%)

Green (56%)

Blue (54%)



Red (70%)

Yellow (57%)

Blue (54%)

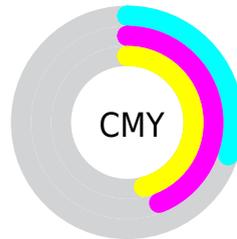


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9208, 31.2465, 28.3408 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 32.9208, 31.2465, 28.3408 by changing the saturation by 10% instead.

 32.9208, 31.2465,
28.3408

 32.9208, 31.2465,
28.3408

306.9640,
307.6723, 308.0548

 22.2247, 20.7866,
18.3414

 63.6074, 61.6280,
58.0577

 14.1396, 12.9681,
11.0234

 84.3286, 82.3183,
78.6124

 8.3002, 7.4066,
5.9682

 109.1222,
107.1876, 103.5225

 4.3411, 3.7177,
2.7573

138.3536,
136.6203, 133.2067

 1.8968, 1.5169,
0.9721

172.3881,
171.0007, 168.0835

 0.5750, 0.3006,
0.0000

211.5911,

 0.0000, 0.0000,

210.7133, 208.5714

0.0000

256.3280,
256.1423, 255.0890

■ 32.9208, 31.2465,
28.3408

■ 32.9208, 31.2465,
28.3408

■ 29.5965, 26.4939,
21.3873

■ 36.7651, 36.7006,
36.5104

■ 26.7673, 22.4101,
15.5897

■ 41.1479, 42.8787,
45.9485

■ 24.4099, 18.9663,
10.8858

■ 46.0899, 49.8074,
56.7066

■ 22.4983, 16.1298,
7.2065

■ 51.6100, 57.5109,
68.8329

■ 21.0037, 13.8650,
4.4750

■ 57.7260, 66.0122,
82.3731

■ 19.8940, 12.1326,
2.6035

■ 64.4552, 75.3334,
97.3708

■ 19.1319, 10.8881,
1.4877

■ 70.5658, 84.9962,
107.2944

■ 18.7456, 10.2359,
0.9877

■ 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



33.6066, 31.2465, 33.2614



32.9208, 31.2465, 28.3408



31.3715, 31.2465, 25.2320

Triad

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



32.9208, 31.2465, 28.3408



26.4458, 31.2465, 29.5324



29.9673, 31.2465, 45.9242

Complementary

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



32.9208, 31.2465, 28.3408



33.2692, 38.1216, 47.7244

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.



28.0868, 31.2465, 44.6479



32.9208, 31.2465, 28.3408



26.1064, 31.2465, 34.7943

Square

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



32.9208, 31.2465, 28.3408



27.6425, 31.2465, 25.8652



26.6943, 31.2465, 40.4161



31.8547, 31.2465, 43.7355

Rectangle

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



32.9208, 31.2465, 28.3408



30.0878, 31.2465, 24.4016



26.6943, 31.2465, 40.4161



29.3133, 31.2465, 45.8876

Sweetspot

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



32.9216, 31.2479, 28.3414



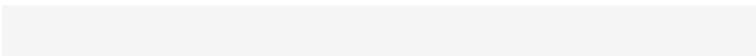
70.7995, 72.3818, 75.0742



34.8952, 30.6208, 43.1012



15.5821, 15.8903, 16.4098



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

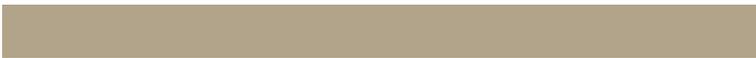
The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.9216, 31.2479, 28.3414



56.5738, 52.2038, 44.8262



36.2233, 37.8512, 29.4420



8.5959, 8.7044, 8.8796



13.4425, 7.3837, 0.7167



0.4549, 0.2962, 0.0332

Inverse Universe

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



33.2692, 38.1216, 47.7244



57.3132, 66.8945, 86.2724



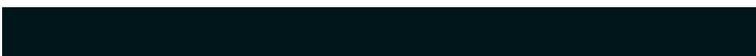
29.7457, 31.0745, 46.5499



8.6318, 9.4099, 10.8677



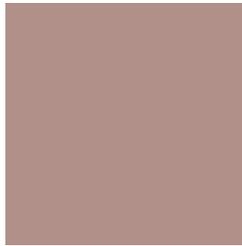
13.7372, 18.2748, 32.9403



0.4616, 0.6338, 1.0462

Previews

White Background



This preview shows how the XYZ color 32.9208, 31.2465, 28.3408 looks on a white background.

Color Contrast Check

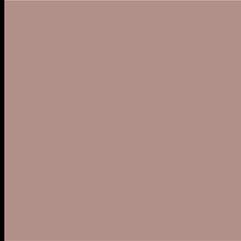
Large Text (above 18pt) WCAG AA × Fail

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 32.9208, 31.2465, 28.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

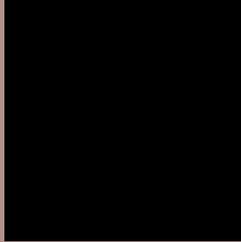
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

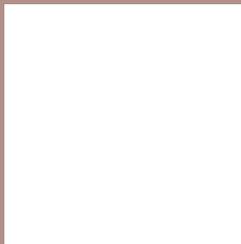
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9208, 31.2465, 28.3408

Background



This preview shows how black text looks on a background with the XYZ color 32.9208, 31.2465, 28.3408.



This preview shows how white text looks on a background with the XYZ color 32.9208, 31.2465,

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

32.9208, 31.2465, 28.3408

Protanopia

29.8537, 31.2543, 30.0504

Deuteranopia

31.8796, 31.1634, 28.3797



Tritanopia

34.2452, 31.3492, 34.3831

Trichromacy



Original Color

32.9208, 31.2465, 28.3408

Protanomaly

30.9147, 31.1022, 29.5733

Deuteranomaly

32.1684, 31.0844, 28.3492

Tritanomaly

33.7582, 31.3667, 32.2921

Monochromacy



Original Color

32.9208, 31.2465, 28.3408

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1519, 31.6322, 32.4807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9208, 31.2465, 28.3408 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(178, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(178, 144, 138)  
}
```

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(178, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 144, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.9208, 31.2465, 28.3408 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(178, 144, 138) }
```

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

```
.border{ border-color:rgb(178, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(178, 144,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9208, 31.2465, 28.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 144, 138) }
```

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

```
.background{ background-color: rgb(178,  
144, 138) }
```

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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