

Converting Colors

XYZ(30.9533, 29.3453, 29.1869)

Have a look what the booklet for
XYZ(30.9533, 29.3453, 29.1869)
contains.

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Color

**XYZ(30.9804, 29.3372,
29.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8C8D
RGB	171, 140, 141
RGB Percent	67%, 55%, 55%
CMY	0.3294, 0.4510, 0.4471
CMYK	0.00, 0.18, 0.18, 0.33
HSL	358°, 16%, 61%
HSV	358°, 18%, 67%
XYZ	30.9804, 29.3372, 29.2291
YIQ	149.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

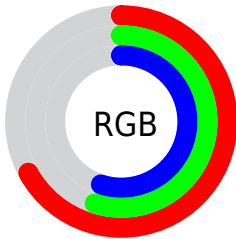
Format	Color
R_{YB}	171, 140, 141
Decimal	11242637
CIE _{Lab}	61.08, 11.87, 3.88
CIE _{LCh}	61, 12.485, 18.086
Yxy	29.3372, 0.3460, 0.3276
Android (android.graphics.Color)	4289432717 (0xFFAB8C8D)
YUV	149.3830, -4.1328, 18.9581
Hunter-Lab	54.1638, 7.3110, 5.9193

Details

The XYZ color **30.9804, 29.3372, 29.2291** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6350, 37.6043, 43.5704**, and the grayscale version is **28.7406, 30.2373, 32.9285**.

A 20% lighter version of the original color is **60.8207, 58.8546, 59.7842**, and **13.0157, 11.9192, 11.5122** is the 20% darker color. If you saturate the color by 10%, you get **27.5325, 24.2668, 22.4515**, and if you desaturate by 10%, it is **35.0023, 35.2604, 37.1067**.

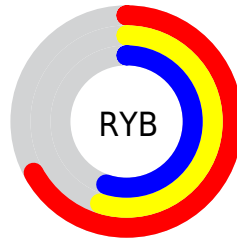
Distribution



Red (67%)

Green (55%)

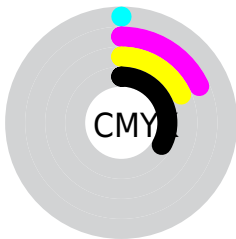
Blue (55%)



Red (67%)

Yellow (55%)

Blue (55%)

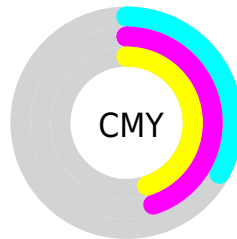


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9804, 29.3372, 29.2291 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 30.9804, 29.3372, 29.2291 by changing the saturation by 10% instead.


 30.9804, 29.3372,
29.2291


 30.9804, 29.3372,
29.2291


298.2765,
298.8026, 312.3891


 20.7357, 19.3361,
19.0071


 60.5853, 58.6124,
59.4874

 13.0423, 11.9134,
11.4986


 80.6761, 78.6553,
80.3608

 7.5349, 6.6847,
6.2849


 104.7797,
102.8141, 105.6218

 3.8481, 3.2657,
2.9475

133.2614,
131.4734, 135.6889

 1.6165, 1.2720,
1.0679

166.4866,
165.0175, 170.9806

 0.4032, 0.1193,
0.0000

204.8206,

 0.0000, 0.0000,

203.8308, 211.9155

0.0000

248.6288,
248.2977, 258.9122

■ 30.9804, 29.3372,
29.2291

■ 30.9804, 29.3372,
29.2291

■ 27.5325, 24.2668,
22.4515

■ 35.0023, 35.2604,
37.1067

■ 24.6301, 20.0063,
16.7231

■ 39.6201, 42.0691,
46.1282

■ 22.2460, 16.5150,
11.9922

■ 44.8576, 49.7988,
56.3373

■ 20.3497, 13.7470,
8.2017

■ 50.7365, 58.4821,
67.7750

■ 18.9076, 11.6515,
5.2889

■ 57.2774, 68.1500,
80.4802

■ 17.8815, 10.1714,
3.1833

■ 64.5002, 78.8320,
94.4901

■ 17.2273, 9.2399,
1.8037

■ 70.6047, 87.3980,
107.7560

■ 16.8766, 8.7464,
1.0457

■ 16.8248, 8.6700,
0.9446

Harmonies

Analogous

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



31.0745, 29.3372, 33.8382



30.9804, 29.3372, 29.2291



30.0373, 29.3372, 25.7012

Triad

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



30.9804, 29.3372, 29.2291



25.6097, 29.3372, 26.2986



27.2402, 29.3372, 41.5868

Complementary

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



30.9804, 29.3372, 29.2291



32.6350, 37.6043, 43.5704

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.



25.8364, 29.3372, 39.1220



30.9804, 29.3372, 29.2291



24.9200, 29.3372, 30.1204

Square

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



30.9804, 29.3372, 29.2291



26.9196, 29.3372, 24.1266



25.0014, 29.3372, 34.8204



28.8714, 29.3372, 41.2884

Rectangle

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



30.9804, 29.3372, 29.2291



29.0739, 29.3372, 24.2977



25.0014, 29.3372, 34.8204



26.7273, 29.3372, 41.0448

Sweetspot

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



30.9812, 29.3385, 29.2297



65.0845, 66.6829, 71.1439



33.3000, 30.2401, 42.6102



14.3921, 14.6907, 15.6268



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.9812, 29.3385, 29.2297



52.7299, 48.4895, 46.9384



33.1618, 33.8180, 29.5923



8.0153, 8.0194, 8.3914



12.6872, 6.5374, 0.7321



0.3562, 0.1832, 0.0378

Inverse Universe

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



30.9812, 29.3385, 29.2297



52.7299, 48.4895, 46.9384



30.1452, 32.4732, 43.2075



8.0153, 8.0194, 8.3914



12.6872, 6.5374, 0.7321



0.3562, 0.1832, 0.0378

Previews

White Background



This preview shows how the XYZ color 30.9804, 29.3372, 29.2291 looks on a white background.

Color Contrast Check

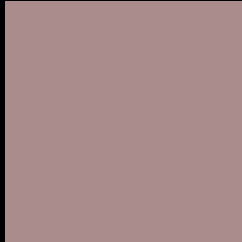
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9804, 29.3372, 29.2291 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 30.9804, 29.3372, 29.2291

Background



This preview shows how black text looks on a background with the XYZ color 30.9804, 29.3372, 29.2291.



This preview shows how white text looks on a background with the XYZ color 30.9804, 29.3372,

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

30.9804, 29.3372, 29.2291

Protanopia

28.3071, 29.4911, 30.9885

Deuteranopia

29.9400, 29.4605, 29.3077



Tritanopia

31.6707, 29.4058, 32.4404

Trichromacy



Original Color

30.9804, 29.3372, 29.2291

Protanomaly

29.1079, 29.2292, 30.4932

Deuteranomaly

30.4171, 29.4846, 29.2872

Tritanomaly

31.4342, 29.3112, 31.1950

Monochromacy



Original Color

30.9804, 29.3372, 29.2291

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3718, 29.8012, 31.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9804, 29.3372, 29.2291 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(171, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 141)  
}
```

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(171, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.9804, 29.3372, 29.2291 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(171, 140, 141) }
```


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

```
.border{ border-color:rgb(171, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(171, 140,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9804, 29.3372, 29.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 141) }
```

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

```
.background{ background-color: rgb(171,  
140, 141) }
```

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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