

Converting Colors

XYZ(30.9340, 30.0683, 28.2902)

Have a look what the booklet for
XYZ(30.9340, 30.0683, 28.2902)
contains.

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Color

**XYZ(30.7721, 29.9149,
28.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	A98F8A
RGB	169, 143, 138
RGB Percent	66%, 56%, 54%
CMY	0.3373, 0.4392, 0.4588
CMYK	0.00, 0.15, 0.18, 0.34
HSL	10°, 15%, 60%
HSV	10°, 18%, 66%
XYZ	30.7721, 29.9149, 28.1970
YIQ	150.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

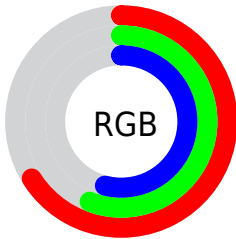
Format	Color
R_{YB}	169, 144, 138
Decimal	11112330
CIE Lab	61.58, 8.93, 6.28
CIE LCh	62, 10.916, 35.118
Yxy	29.9149, 0.3462, 0.3366
Android (android.graphics.Color)	4289302410 (0xFFA98F8A)
YUV	150.2040, -6.0166, 16.4841
Hunter-Lab	54.6945, 4.7118, 7.7200

Details

The XYZ color **30.7721, 29.9149, 28.1970** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.9179, 34.8180, 42.6274**, and the grayscale version is **29.0964, 30.6116, 33.3361**.

A 20% lighter version of the original color is **60.4216, 59.7016, 57.6292**, and **13.0119, 12.3152, 10.9238** is the 20% darker color. If you saturate the color by 10%, you get **27.6478, 25.4742, 21.5814**, and if you desaturate by 10%, it is **34.3573, 34.9721, 35.9062**.

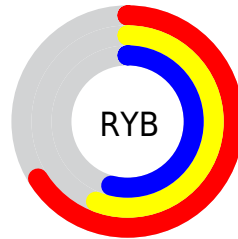
Distribution



Red (66%)

Green (56%)

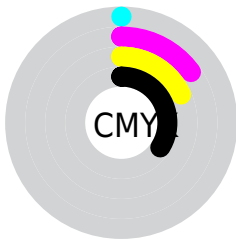
Blue (54%)



Red (66%)

Yellow (56%)

Blue (54%)

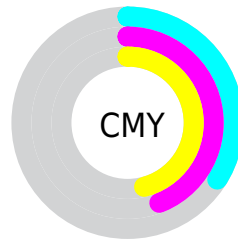


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7721, 29.9149, 28.1970 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 30.7721, 29.9149, 28.1970 by changing the saturation by 10% instead.

■ 30.7721, 29.9149,
28.1970

■ 30.7721, 29.9149,
28.1970

297.3327,
301.5076, 307.3486

■ 20.5763, 19.7740,
18.2339

■ 60.2594, 59.5276,
57.8257

■ 12.9254, 12.2309,
10.9469

■ 80.2816, 79.7681,
78.3283

■ 7.4538, 6.9011,
5.9174

■ 104.3100,
104.1440, 103.1812

■ 3.7963, 3.4003,
2.7269

132.7100,
133.0397, 132.8030

■ 1.5876, 1.3441,
0.9569

165.8469,
166.8395, 167.6120

■ 0.3843, 0.1750,
0.0000

204.0861,

■ 0.0000, 0.0000,

205.9278, 208.0269

0.0000

247.7929,
250.6890, 254.4663

■ 30.7721, 29.9149,
28.1970

■ 30.7721, 29.9149,
28.1970

■ 27.6478, 25.4742,
21.5814

■ 34.3573, 34.9721,
35.9062

■ 24.9632, 21.6225,
16.0081

■ 38.4186, 40.6639,
44.7537

■ 22.6989, 18.3361,
11.4242

■ 42.9735, 47.0128,
54.7836

■ 20.8334, 15.5882,
7.7717

■ 48.0380, 54.0390,
66.0375

■ 19.3430, 13.3498,
4.9861

■ 53.6273, 61.7616,
78.5547

■ 18.2015, 11.5892,
2.9952

■ 59.7559, 70.1992,
92.3729

■ 17.3791, 10.2708,
1.7144

■ 66.2275, 79.2854,
106.4208

■ 16.8325, 9.3509,
0.9981

■ 70.1723, 87.1751,
107.7357

■ 16.7606, 9.2317,
0.8985

Harmonies

Analogous

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



31.2976, 29.9149, 31.8661



30.7721, 29.9149, 28.1970



29.6209, 29.9149, 25.8606

Triad

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



30.7721, 29.9149, 28.1970



25.9814, 29.9149, 29.3309



28.6823, 29.9149, 41.1777

Complementary

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



30.7721, 29.9149, 28.1970



30.9179, 34.8180, 42.6274

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.



27.2777, 29.9149, 40.3550



30.7721, 29.9149, 28.1970



25.7491, 29.9149, 33.2887

Square

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



30.7721, 29.9149, 28.1970



26.8614, 29.9149, 26.4753



26.2160, 29.9149, 37.3782



30.0652, 29.9149, 39.5400

Rectangle

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



30.7721, 29.9149, 28.1970



28.6709, 29.9149, 25.2555



26.2160, 29.9149, 37.3782



28.1969, 29.9149, 41.1810

Sweetspot

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



30.7729, 29.9162, 28.1976



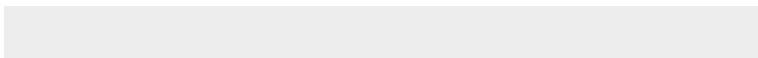
63.0823, 64.8112, 67.6680



32.1835, 29.3053, 39.2485



13.6554, 13.9944, 14.5452



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.7729, 29.9162, 28.1976



52.7478, 50.2253, 45.4694



33.2024, 34.7753, 29.0075



7.6253, 7.7307, 7.8795



12.5186, 6.9345, 0.6787



0.3324, 0.2244, 0.0258

Inverse Universe

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



30.9179, 34.8180, 42.6274



53.0541, 60.6383, 76.1332



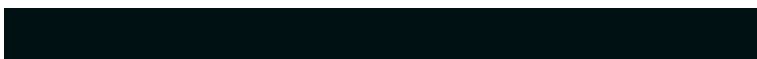
28.3667, 29.7157, 41.7770



7.6430, 8.3228, 9.6220



12.5488, 16.5577, 30.5101



0.3320, 0.4562, 0.7512

Previews

White Background



This preview shows how the XYZ color 30.7721, 29.9149, 28.1970 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 30.7721, 29.9149, 28.1970 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 30.7721, 29.9149, 28.1970

Background



This preview shows how black text looks on a background with the XYZ color 30.7721, 29.9149, 28.1970.



This preview shows how white text looks on a background with the XYZ color 30.7721, 29.9149,

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

30.7721, 29.9149, 28.1970

Protanopia

28.5345, 29.8752, 29.4619

Deuteranopia

30.4971, 29.9970, 28.2274



Tritanopia

31.9870, 29.9747, 33.8056

Trichromacy



Original Color

30.7721, 29.9149, 28.1970

Protanomaly

29.3106, 29.8221, 29.0224

Deuteranomaly

30.7092, 30.1063, 28.2373

Tritanomaly

31.5170, 29.9986, 31.7330

Monochromacy



Original Color

30.7721, 29.9149, 28.1970

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5267, 30.1109, 31.4499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7721, 29.9149, 28.1970 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(169, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(169, 143, 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(169, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.7721, 29.9149, 28.1970 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(169, 143, 138) }
```


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

```
.border{ border-color:rgb(169, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(169, 143,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7721, 29.9149, 28.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 138) }
```

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

```
.background{ background-color: rgb(169,  
143, 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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