

Converting Colors

XYZ(32.8720, 30.4025, 29.0681)

Have a look what the booklet for
XYZ(32.8720, 30.4025, 29.0681)
contains.

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Color

**XYZ(32.7021, 30.2333,
28.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	B38C8C
RGB	179, 140, 140
RGB Percent	70%, 55%, 55%
CMY	0.2980, 0.4510, 0.4510
CMYK	0.00, 0.22, 0.22, 0.30
HSL	0°, 20%, 63%
HSV	0°, 22%, 70%
XYZ	32.7021, 30.2333, 28.9230
YIQ	151.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

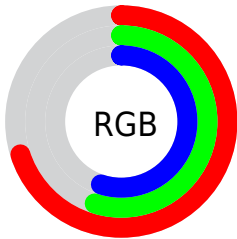
Format	Color
RYB	179, 140, 140
Decimal	11766924
CIELab	61.85, 14.78, 5.67
CIElCh	62, 15.828, 20.980
Yxy	30.2333, 0.3560, 0.3291
Android (android.graphics.Color)	4289957004 (0xFFB38C8C)
YUV	151.6610, -5.7489, 23.9763
Hunter-Lab	54.9848, 9.9391, 7.3018

Details

The XYZ color **32.7021, 30.2333, 28.9230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0716, 41.0693, 48.7267**, and the grayscale version is **29.7166, 31.2642, 34.0467**.

A 20% lighter version of the original color is **63.1784, 60.0960, 58.7219**, and **14.1058, 12.4861, 11.3395** is the 20% darker color. If you saturate the color by 10%, you get **29.0822, 24.9365, 21.7256**, and if you desaturate by 10%, it is **36.9638, 36.4696, 37.3943**.

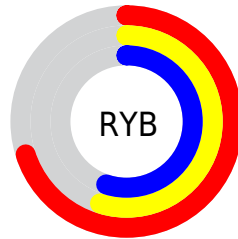
Distribution



Red (70%)

Green (55%)

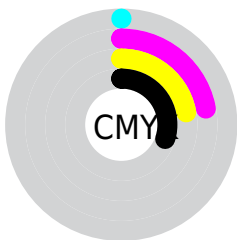
Blue (55%)



Red (70%)

Yellow (55%)

Blue (55%)

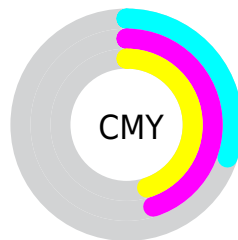


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7021, 30.2333, 28.9230 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 32.7021, 30.2333, 28.9230 by changing the saturation by 10% instead.


 32.7021, 30.2333,
28.9230

 32.7021, 30.2333,
28.9230


305.9940,
302.9904, 310.9010


 22.0565, 20.0157,
18.7775


 63.2680, 60.0309,
58.9955

 14.0152, 12.4065,
11.3344


 83.9189, 80.3798,
79.7595

 8.2130, 7.0211,
6.1753


 108.6356,
104.8745, 104.9001

 4.2845, 3.4753,
2.8814

137.7835,
133.8996, 134.8359

 1.8643, 1.3846,
1.0344

171.7280,
167.8393, 169.9853

 0.5560, 0.2054,
0.0000

210.8343,

 0.0000, 0.0000,

207.0781, 210.7669

0.0000

255.4679,
252.0003, 257.5993

■ 32.7021, 30.2333,
28.9230

■ 32.7021, 30.2333,
28.9230

■ 29.0822, 24.9365,
21.7256

■ 36.9638, 36.4696,
37.3943

■ 26.0706, 20.5297,
15.7389

■ 41.8937, 43.6833,
47.1949

■ 23.6349, 16.9655,
10.8968

■ 47.5196, 51.9155,
58.3793

■ 21.7382, 14.1901,
7.1265

■ 53.8672, 61.2036,
70.9983

■ 20.3397, 12.1436,
4.3465

■ 60.9605, 71.5830,
85.1002

■ 19.3926, 10.7577,
2.4640

■ 68.8229, 83.0877,
100.7309

■ 18.8414, 9.9510,
1.3685

■ 72.4005, 88.3238,
107.8400

■ 18.5907, 9.5841,
0.8701

Harmonies

Analogous

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



32.9417, 30.2333, 34.7786



32.7021, 30.2333, 28.9230



31.3726, 30.2333, 24.6750

Triad

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



32.7021, 30.2333, 28.9230



25.6911, 30.2333, 26.1181



28.1031, 30.2333, 45.8115

Complementary

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



32.7021, 30.2333, 28.9230



35.0716, 41.0693, 48.7267

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.



26.2511, 30.2333, 42.8206



32.7021, 30.2333, 28.9230



24.9041, 30.2333, 31.1268

Square

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



32.7021, 30.2333, 28.9230



27.3044, 30.2333, 23.1990



25.1040, 30.2333, 37.2669



30.2164, 30.2333, 45.0332

Rectangle

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



32.7021, 30.2333, 28.9230



30.0815, 30.2333, 23.0912



25.1040, 30.2333, 37.2669



27.4310, 30.2333, 45.2013

Sweetspot

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



32.7029, 30.2347, 28.9236



70.1713, 71.1254, 74.8648



36.1055, 31.5949, 46.8435



15.4326, 15.5912, 16.3600



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.



32.7029, 30.2347, 28.9236



55.4139, 49.5312, 45.5272



35.8086, 36.4461, 29.9589



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



35.0716, 41.0693, 48.7267



60.3931, 72.3062, 87.1546



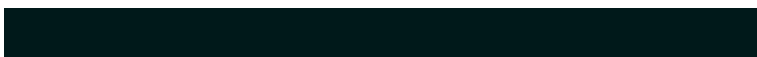
31.4366, 33.7991, 47.5150



8.7426, 9.6314, 10.9046



17.1389, 25.0782, 34.0742



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 32.7021, 30.2333, 28.9230 looks on a white background.

Color Contrast Check

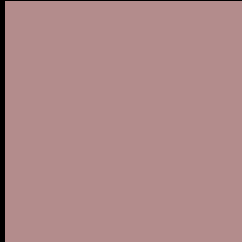
Large Text (above 18pt) WCAG AA × Fail

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 32.7021, 30.2333, 28.9230 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 32.7021, 30.2333, 28.9230

Background



This preview shows how black text looks on a background with the XYZ color 32.7021, 30.2333, 28.9230.



This preview shows how white text looks on a background with the XYZ color 32.7021, 30.2333,

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

32.7021, 30.2333, 28.9230

Protanopia

28.9951, 30.3115, 31.1106

Deuteranopia

30.7819, 30.1354, 28.6204



Tritanopia

33.4798, 30.3385, 32.5251

Trichromacy



Original Color

32.7021, 30.2333, 28.9230

Protanomaly

30.1371, 30.2223, 30.2317

Deuteranomaly

31.4959, 30.2797, 28.6106

Tritanomaly

33.2433, 30.2439, 31.2797

Monochromacy



Original Color

32.7021, 30.2333, 28.9230

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8355, 30.9993, 32.3752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7021, 30.2333, 28.9230 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(179, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(179, 140, 140)  
}
```

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(179, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.7021, 30.2333, 28.9230 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(179, 140, 140) }
```


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

```
.border{ border-color:rgb(179, 140, 140) }
```

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

Here you see how a box with a 4 pixel rgb(179, 140, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(179, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7021, 30.2333, 28.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 140, 140) }
```

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

```
.background{ background-color: rgb(179,  
140, 140) }
```

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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