

Converting Colors

XYZ(30.8708, 29.6560, 28.5724)

Have a look what the booklet for
XYZ(30.8708, 29.6560, 28.5724)
contains.

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Color

**XYZ(30.9108, 29.7561,
28.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8E8B
RGB	170, 142, 139
RGB Percent	67%, 56%, 55%
CMY	0.3333, 0.4431, 0.4549
CMYK	0.00, 0.16, 0.18, 0.33
HSL	6°, 15%, 61%
HSV	6°, 18%, 67%
XYZ	30.9108, 29.7561, 28.5404
YIQ	150.0300, 17.6510, 5.0030

Conversions

Conversions Part 2

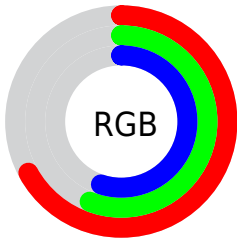
Format	Color
R_{YB}	170, 142, 139
Decimal	11177611
CIE _{Lab}	61.44, 10.04, 5.53
CIE _{LCh}	61, 11.457, 28.840
Yxy	29.7561, 0.3465, 0.3336
Android (android.graphics.Color)	4289367691 (0xFFAA8E8B)
YUV	150.0300, -5.4378, 17.5137
Hunter-Lab	54.5492, 5.6877, 7.1636

Details

The XYZ color **30.9108, 29.7561, 28.5404** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.7217, 36.0280, 43.3128**, and the grayscale version is **29.0199, 30.5312, 33.2485**.

A 20% lighter version of the original color is **60.6184, 59.4544, 58.1501**, and **12.9664, 12.1575, 11.1144** is the 20% darker color. If you saturate the color by 10%, you get **27.6350, 25.0400, 21.7893**, and if you desaturate by 10%, it is **34.6961, 35.1815, 36.4150**.

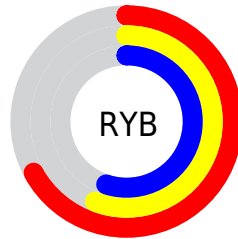
Distribution



Red (67%)

Green (56%)

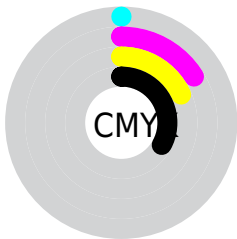
Blue (55%)



Red (67%)

Yellow (56%)

Blue (55%)

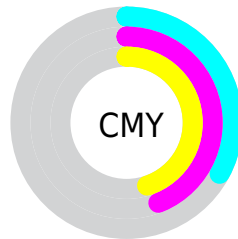


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9108, 29.7561, 28.5404 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 30.9108, 29.7561, 28.5404 by changing the saturation by 10% instead.

■ 30.9108, 29.7561,
28.5404

■ 30.9108, 29.7561,
28.5404

297.9614,
300.7659, 309.0330

■ 20.6824, 19.6535,
18.4908

■ 60.4764, 59.2763,
58.3795

■ 13.0032, 12.1434,
11.1299

■ 80.5443, 79.4626,
79.0061

■ 7.5078, 6.8414,
6.0390

■ 104.6229,
103.7791, 103.9955

■ 3.8308, 3.3631,
2.7996

133.0773,
132.6099, 133.7663

■ 1.6068, 1.3241,
0.9933

166.2730,
166.3397, 168.7368

■ 0.3969, 0.1598,
0.0000

204.5754,

■ 0.0000, 0.0000,

205.3527, 209.3258

0.0000

248.3497,
250.0333, 255.9517

■ 30.9108, 29.7561,
28.5404

■ 30.9108, 29.7561,
28.5404

■ 27.6350, 25.0400,
21.7893

■ 34.6961, 35.1815,
36.4150

■ 24.8445, 21.0000,
16.1088

■ 39.0088, 41.3396,
45.4591

■ 22.5170, 17.6063,
11.4443

■ 43.8690, 48.2576,
55.7184

■ 20.6272, 14.8253,
7.7357

■ 49.2950, 55.9603,
67.2356

■ 19.1476, 12.6204,
4.9169

■ 55.3041, 64.4713,
80.0514

■ 18.0473, 10.9511,
2.9129

■ 61.9132, 73.8131,
94.2045

■ 17.2913, 9.7713,
1.6365

■ 68.6510, 83.8126,
107.1669

■ 16.8301, 9.0245,
0.9410

■ 70.3877, 87.2861,
107.7458

■ 16.7700, 8.9307,
0.8399

Harmonies

Analogous

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



31.2950, 29.7561, 32.5685



30.9108, 29.7561, 28.5404



29.8161, 29.7561, 25.7734

Triad

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



30.9108, 29.7561, 28.5404



25.8627, 29.7561, 28.2725



28.2234, 29.7561, 41.4740

Complementary

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



30.9108, 29.7561, 28.5404



31.7217, 36.0280, 43.3128

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.



26.8020, 29.7561, 40.0734



30.9108, 29.7561, 28.5404



25.4694, 29.7561, 32.2308

Square

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



30.9108, 29.7561, 28.5404



26.9006, 29.7561, 25.6287



25.8072, 29.7561, 36.5913



29.7104, 29.7561, 40.2683

Rectangle

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



30.9108, 29.7561, 28.5404



28.8497, 29.7561, 24.8861



25.8072, 29.7561, 36.5913



27.7224, 29.7561, 41.2903

Sweetspot

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



30.9116, 29.7574, 28.5410



65.3073, 67.2000, 70.9976



32.8242, 29.8172, 40.7872



14.4479, 14.8203, 15.5902



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.



30.9116, 29.7574, 28.5410



53.5001, 50.2745, 46.4412



33.3092, 34.5527, 29.3402



7.5874, 7.6549, 7.8669



12.3561, 6.6095, 0.6245



0.3181, 0.1959, 0.0210

Inverse Universe

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



31.7217, 36.0280, 43.3128



55.2521, 63.8436, 78.4128



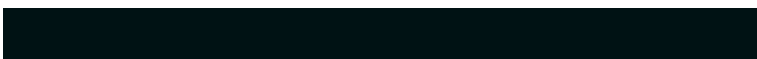
29.1183, 30.8211, 42.4450



7.6845, 8.4060, 9.6358



13.8035, 19.0673, 30.9283



0.3531, 0.4984, 0.7582

Previews

White Background



This preview shows how the XYZ color 30.9108, 29.7561, 28.5404 looks on a white background.

Color Contrast Check

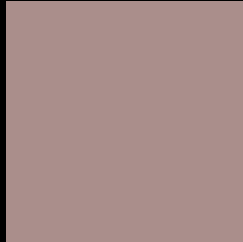
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9108, 29.7561, 28.5404 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 30.9108, 29.7561, 28.5404

Background



This preview shows how black text looks on a background with the XYZ color 30.9108, 29.7561, 28.5404.



This preview shows how white text looks on a background with the XYZ color 30.9108, 29.7561,

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

30.9108, 29.7561, 28.5404

Protanopia

28.6093, 29.9051, 29.8556

Deuteranopia

30.2085, 29.6160, 28.5504



Tritanopia

31.7586, 29.6485, 33.3270

Trichromacy



Original Color

30.9108, 29.7561, 28.5404

Protanomaly

29.3847, 29.8518, 29.4125

Deuteranomaly

30.4190, 29.7245, 28.5602

Tritanomaly

31.5859, 29.8143, 31.6937

Monochromacy



Original Color

30.9108, 29.7561, 28.5404

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 30.9108, 29.7561, 28.5404 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(170, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(170, 142, 139)  
}
```

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(170, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 142, 139) }
```

Border

The CSS property to change the border of an element to XYZ 30.9108, 29.7561, 28.5404 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(170, 142, 139) }
```


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

```
.border{ border-color:rgb(170, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(170, 142,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9108, 29.7561, 28.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 142, 139) }
```

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

```
.background{ background-color: rgb(170,  
142, 139) }
```

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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