

Converting Colors

XYZ(34.3086, 30.5432, 28.0395)

Have a look what the booklet for
XYZ(34.3086, 30.5432, 28.0395)
contains.

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Color

**XYZ(34.2721, 30.4177,
28.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	BC898A
RGB	188, 137, 138
RGB Percent	74%, 54%, 54%
CMY	0.2627, 0.4627, 0.4588
CMYK	0.00, 0.27, 0.27, 0.26
HSL	359°, 28%, 64%
HSV	359°, 27%, 74%
XYZ	34.2721, 30.4177, 28.1096
YIQ	152.3630, 30.0750, 11.1230

Conversions

Conversions Part 2

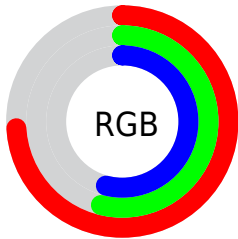
Format	Color
R_{YB}	188, 137, 138
Decimal	12355978
CIE _{Lab}	62.01, 19.62, 7.16
CIE _{LCh}	62, 20.882, 20.041
Yxy	30.4177, 0.3693, 0.3278
Android (android.graphics.Color)	4290546058 (0xFFBC898A)
YUV	152.3630, -7.0810, 31.2536
Hunter-Lab	55.1522, 14.4051, 8.3881

Details

The XYZ color **34.2721, 30.4177, 28.1096** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2706, 44.8733, 53.7130**, and the grayscale version is **30.0231, 31.5867, 34.3979**.

A 20% lighter version of the original color is **65.6910, 60.4357, 57.4932**, and **15.0012, 12.5893, 10.8718** is the 20% darker color. If you saturate the color by 10%, you get **30.6056, 25.0422, 20.8527**, and if you desaturate by 10%, it is **38.6324, 36.8179, 36.7159**.

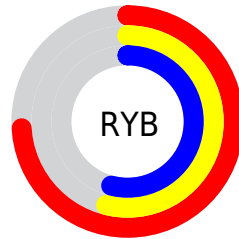
Distribution



Red (74%)

Green (54%)

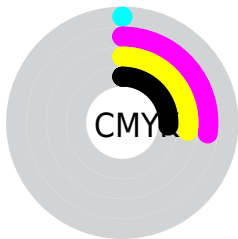
Blue (54%)



Red (74%)

Yellow (54%)

Blue (54%)

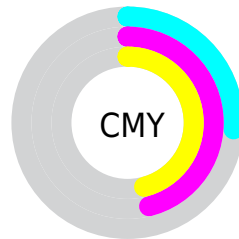


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2721, 30.4177, 28.1096 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 34.2721, 30.4177, 28.1096 by changing the saturation by 10% instead.


 34.2721, 30.4177,
28.1096


 34.2721, 30.4177,
28.1096


312.9082,
303.8466, 306.9187


 23.2666, 20.1559,
18.1685


 65.6981, 60.3221,
57.6846

 14.9123, 12.5084,
10.9004


 86.8492, 80.7335,
78.1556

 8.8437, 7.0909,
5.8865


 112.1130,
105.2968, 102.9736

 4.6957, 3.5190,
2.7085

141.8547,
134.3965, 132.5573

 2.1028, 1.4083,
0.9477

176.4398,
168.4169, 167.3251

 0.6907, 0.2228,
0.0000

216.2334,

 0.0000, 0.0000,

207.7425, 207.6955

0.0000

261.6012,
252.7576, 254.0872

■ 34.2721, 30.4177,
28.1096

■ 34.2721, 30.4177,
28.1096

■ 30.6056, 25.0422,
20.8527

■ 38.6324, 36.8179,
36.7159

■ 27.5949, 20.6342,
14.8751

■ 43.7170, 44.2877,
46.7330

■ 25.2021, 17.1376,
10.1031

■ 49.5578, 52.8743,
58.2212

■ 23.3842, 14.4887,
6.4549

■ 56.1837, 62.6209,
71.2363

■ 22.0930, 12.6155,
3.8385

■ 63.6225, 73.5685,
85.8314

■ 21.2724, 11.4341,
2.1474

■ 71.9003, 85.7560,
102.0571

■ 20.8468, 10.8284,
1.2489

■ 74.5490, 89.4314,
107.9406

■ 20.7591, 10.6994,
1.0765

Harmonies

Analogous

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



34.5473, 30.4177, 35.8596



34.2721, 30.4177, 28.1096



32.5101, 30.4177, 22.6470

Triad

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



34.2721, 30.4177, 28.1096



24.9759, 30.4177, 24.1678



27.9896, 30.4177, 50.7546

Complementary

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



34.2721, 30.4177, 28.1096



37.2706, 44.8733, 53.7130

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.



25.5880, 30.4177, 46.4065



34.2721, 30.4177, 28.1096



23.9239, 30.4177, 30.5230

Square

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



34.2721, 30.4177, 28.1096



27.1043, 30.4177, 20.6390



24.1405, 30.4177, 38.6923



30.7965, 30.4177, 49.8277

Rectangle

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



34.2721, 30.4177, 28.1096



30.7889, 30.4177, 20.6334



24.1405, 30.4177, 38.6923



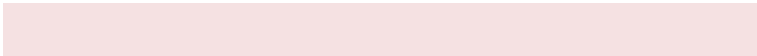
27.1113, 30.4177, 49.8377

Sweetspot

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



34.2729, 30.4191, 28.1102



78.2425, 78.8128, 82.7515



38.3462, 32.0003, 51.7326



16.5123, 16.4878, 17.1782



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.2729, 30.4191, 28.1102



57.7105, 48.6715, 42.2341



37.9652, 37.9185, 28.9868



9.5375, 9.5393, 9.9536



14.1371, 7.2860, 0.7499



0.5564, 0.2864, 0.0431

Inverse Universe

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



34.2729, 30.4191, 28.1102



57.7105, 48.6715, 42.2341



32.7062, 35.5730, 52.7194



9.5375, 9.5393, 9.9536



14.1371, 7.2860, 0.7499



0.5564, 0.2864, 0.0431

Previews

White Background



This preview shows how the XYZ color 34.2721, 30.4177, 28.1096 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 34.2721, 30.4177, 28.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

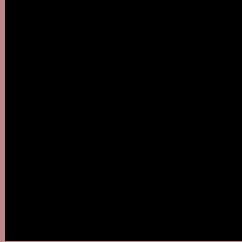
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2721, 30.4177, 28.1096

Background



This preview shows how black text looks on a background with the XYZ color 34.2721, 30.4177, 28.1096.



This preview shows how white text looks on a background with the XYZ color 34.2721, 30.4177,

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

34.2721, 30.4177, 28.1096

Protanopia

29.3436, 30.7271, 31.1724

Deuteranopia

31.2183, 30.6030, 27.9285



Tritanopia

34.9787, 30.5025, 31.2381

Trichromacy



Original Color

34.2721, 30.4177, 28.1096

Protanomaly

30.7338, 30.3108, 29.8219

Deuteranomaly

32.3198, 30.4993, 27.8504

Tritanomaly

34.7484, 30.4103, 30.0249

Monochromacy



Original Color

34.2721, 30.4177, 28.1096

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.2172, 30.9734, 31.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2721, 30.4177, 28.1096 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(188, 137, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 137, 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(188, 137, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 137, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.2721, 30.4177, 28.1096 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(188, 137, 138) }
```


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

```
.border{ border-color:rgb(188, 137, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 137, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 137, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 137, 138);  
box-shadow:4px 4px 4px 4px rgb(188, 137,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2721, 30.4177, 28.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 137, 138) }
```

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

```
.background{ background-color: rgb(188,  
137, 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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