

Converting Colors

XYZ(34.6507, 30.8461, 28.1040)

Have a look what the booklet for
XYZ(34.6507, 30.8461, 28.1040)
contains.

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Color

**XYZ(34.6622, 30.8308,
28.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8A8A
RGB	189, 138, 138
RGB Percent	74%, 54%, 54%
CMY	0.2588, 0.4588, 0.4588
CMYK	0.00, 0.27, 0.27, 0.26
HSL	0°, 28%, 64%
HSV	0°, 27%, 74%
XYZ	34.6622, 30.8308, 28.1688
YIQ	153.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

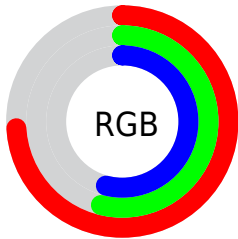
Format	Color
R _Y B	189, 138, 138
Decimal	12421770
CIE Lab	62.36, 19.45, 7.67
CIE LCh	62, 20.906, 21.532
Yxy	30.8308, 0.3701, 0.3292
Android (android.graphics.Color)	4290611850 (0xFFBD8A8A)
YUV	153.2490, -7.5178, 31.3536
Hunter-Lab	55.5255, 14.2603, 8.7893

Details

The XYZ color **34.6622, 30.8308, 28.1688** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8635, 45.4711, 54.9254**, and the grayscale version is **30.4099, 31.9936, 34.8410**.

A 20% lighter version of the original color is **66.2596, 61.0537, 57.5825**, and **15.0827, 12.7524, 10.8990** is the 20% darker color. If you saturate the color by 10%, you get **30.9317, 25.3722, 20.7516**, and if you desaturate by 10%, it is **39.1043, 37.3311, 36.9986**.

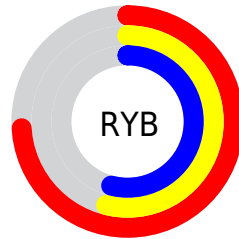
Distribution



Red (74%)

Green (54%)

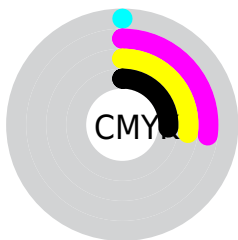
Blue (54%)



Red (74%)

Yellow (54%)

Blue (54%)

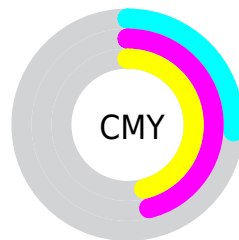


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6622, 30.8308, 28.1688 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 34.6622, 30.8308, 28.1688 by changing the saturation by 10% instead.


 34.6622, 30.8308,
28.1688


 34.6622, 30.8308,
28.1688

314.6090,
305.7581, 307.2099


 23.5681, 20.4700,
18.2128


 66.2996, 60.9736,
57.7802

 15.1365, 12.7372,
10.9319


 87.5736, 81.5244,
78.2726

 9.0022, 7.2478,
5.9074


 112.9716,
106.2407, 103.1143

 4.7997, 3.6176,
2.7210

142.8589,
135.5068, 132.7237

 2.1638, 1.4620,
0.9540

177.6010,
169.7073, 167.5194

 0.7235, 0.2618,
0.0000

217.5631,

 0.0000, 0.0000,

209.2263, 207.9200

0.0000

263.1107,
254.4485, 254.3440

■ 34.6622, 30.8308,
28.1688

■ 34.6622, 30.8308,
28.1688

■ 30.9317, 25.3722,
20.7516

■ 39.1043, 37.3311,
36.9986

■ 27.8734, 20.8971,
14.6721

■ 44.2897, 44.9187,
47.3070

■ 25.4483, 17.3484,
9.8512

■ 50.2510, 53.6417,
59.1581

■ 23.6119, 14.6612,
6.2007

■ 57.0183, 63.5440,
72.6116

■ 22.3142, 12.7622,
3.6212

■ 64.6200, 74.6674,
87.7241

■ 21.4969, 11.5662,
1.9968

■ 73.0833, 87.0514,
104.5494

■ 21.0796, 10.9554,
1.1673

■ 74.7963, 89.5588,
107.9521

■ 20.9865, 10.8192,
0.9822

Harmonies

Analogous

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



35.0218, 30.8308, 35.9169



34.6622, 30.8308, 28.1688



32.8206, 30.8308, 22.7870

Triad

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



34.6622, 30.8308, 28.1688



25.2467, 30.8308, 24.7788



28.5098, 30.8308, 51.4621

Complementary

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



34.6622, 30.8308, 28.1688



37.8635, 45.4711, 54.9254

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.



26.0476, 30.8308, 47.3083



34.6622, 30.8308, 28.1688



24.2446, 30.8308, 31.3267

Square

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



34.6622, 30.8308, 28.1688



27.3517, 30.8308, 21.0602



24.5281, 30.8308, 39.6198



31.3465, 30.8308, 50.2517

Rectangle

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



34.6622, 30.8308, 28.1688



31.0614, 30.8308, 20.8521



24.5281, 30.8308, 39.6198



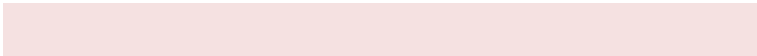
27.6137, 30.8308, 50.6255

Sweetspot

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



34.6630, 30.8322, 28.1694



78.1906, 78.7927, 82.4762



39.2603, 32.6702, 52.3810



16.4993, 16.4827, 17.1094



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.



34.6630, 30.8322, 28.1694



58.2339, 49.5904, 42.8026



38.7601, 39.0264, 29.5351



9.5303, 9.5365, 9.9151



14.1204, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



37.8635, 45.4711, 54.9254



64.8643, 79.9178, 98.2332



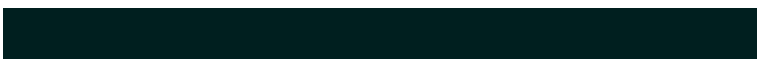
32.8530, 35.4500, 53.2552



9.8086, 10.8094, 12.2417



18.4220, 26.9557, 36.6249



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 34.6622, 30.8308, 28.1688 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 34.6622, 30.8308, 28.1688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

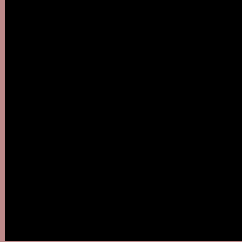
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6622, 30.8308, 28.1688

Background



This preview shows how black text looks on a background with the XYZ color 34.6622, 30.8308, 28.1688.



This preview shows how white text looks on a background with the XYZ color 34.6622, 30.8308,

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

34.6622, 30.8308, 28.1688

Protanopia

29.5347, 30.8256, 31.1813

Deuteranopia

31.5888, 31.0218, 27.9898



Tritanopia

35.4473, 30.9451, 31.7085

Trichromacy



Original Color

34.6622, 30.8308, 28.1688

Protanomaly

31.0977, 30.7263, 29.8829

Deuteranomaly

32.6979, 30.9160, 27.9109

Tritanomaly

35.2149, 30.8521, 30.4846

Monochromacy



Original Color

34.6622, 30.8308, 28.1688

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6611, 31.4249, 32.4139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6622, 30.8308, 28.1688 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(189, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(189, 138, 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(189, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.6622, 30.8308, 28.1688 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(189, 138, 138) }
```


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

```
.border{ border-color:rgb(189, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6622, 30.8308, 28.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 138) }
```

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

```
.background{ background-color: rgb(189,  
138, 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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