

Converting Colors

XYZ(30.8503, 28.7917, 33.4322)

Have a look what the booklet for
XYZ(30.8503, 28.7917, 33.4322)
contains.

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Color

**XYZ(30.9044, 28.7688,
33.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	A88A98
RGB	168, 138, 152
RGB Percent	66%, 54%, 60%
CMY	0.3412, 0.4588, 0.4039
CMYK	0.00, 0.18, 0.10, 0.34
HSL	332°, 15%, 60%
HSV	332°, 18%, 66%
XYZ	30.9044, 28.7688, 33.6299
YIQ	148.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

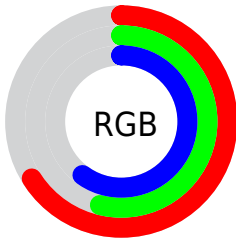
Format	Color
R_{YB}	168, 138, 152
Decimal	11045528
CIE _{Lab}	60.58, 13.75, -3.16
CIE _{LCh}	61, 14.105, 347.042
Yxy	28.7688, 0.3312, 0.3083
Android (android.graphics.Color)	4289235608 (0xFFA88A98)
YUV	148.5660, 1.6930, 17.0436
Hunter-Lab	53.6366, 8.9845, 0.3710

Details

The XYZ color **30.9044, 28.7688, 33.6299** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.3177, 35.7423, 35.8745**, and the grayscale version is **28.3748, 29.8525, 32.5093**.

A 20% lighter version of the original color is **60.4216, 57.8435, 66.3729**, and **13.0411, 11.6320, 13.8698** is the 20% darker color. If you saturate the color by 10%, you get **27.9717, 24.0337, 29.1673**, and if you desaturate by 10%, it is **34.2670, 34.2743, 38.5101**.

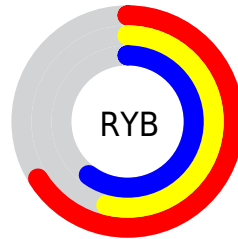
Distribution



Red (66%)

Green (54%)

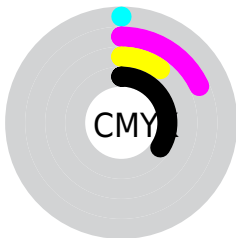
Blue (60%)



Red (66%)

Yellow (54%)

Blue (60%)

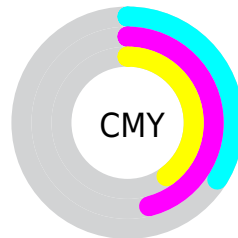


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9044, 28.7688, 33.6299 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 30.9044, 28.7688, 33.6299 by changing the saturation by 10% instead.

■ 30.9044, 28.7688,
33.6299

■ 30.9044, 28.7688,
33.6299

297.9324,
296.1225, 333.1973

■ 20.6775, 18.9060,
22.3344

■ 60.4664, 57.7096,
66.4850

■ 12.9996, 11.6024,
13.9021

■ 80.5322, 77.5563,
88.8817

■ 7.5053, 6.4735,
7.9147

■ 104.6084,
101.4998, 115.8158

■ 3.8292, 3.1351,
3.9534

133.0604,
129.9244, 147.7059

■ 1.6060, 1.2027,
1.5998

166.2534,
163.2146, 184.9706

■ 0.3963, 0.0639,
0.2907

204.5528,

■ 0.0000, 0.0000,

201.7548, 228.0284

0.0000

248.3240,
245.9293, 277.2977

■ 30.9044, 28.7688,
33.6299

■ 30.9044, 28.7688,
33.6299

■ 27.9717, 24.0337,
29.1673

■ 34.2670, 34.2743,
38.5101

■ 25.4483, 20.0305,
25.1083

■ 38.0743, 40.5789,
43.8177

■ 23.3151, 16.7232,
21.4408

■ 42.3432, 47.7143,
49.5642

■ 21.5509, 14.0711,
18.1513

■ 47.0891, 55.7095,
55.7602

■ 20.1321, 12.0293,
15.2251

■ 52.3268, 64.5921,
62.4160

■ 19.0323, 10.5471,
12.6465

■ 58.0700, 74.3883,
69.5414

■ 18.2207, 9.5655,
10.3979

■ 64.1392, 84.7372,
77.0815

■ 17.6473, 8.9870,
8.4550

■ 65.3208, 85.2098,
83.3035

■ 17.5378, 8.8806,
8.0715

■ 66.5664, 85.7080,
89.8627

Harmonies

Analogous

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



29.9905, 28.7688, 38.6761



30.9044, 28.7688, 33.6299



30.8343, 28.7688, 28.4731

Triad

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



30.9044, 28.7688, 33.6299



26.3293, 28.7688, 22.6727



25.0239, 28.7688, 39.2613

Complementary

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



30.9044, 28.7688, 33.6299



30.3177, 35.7423, 35.8745

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.



24.1273, 28.7688, 34.3598



30.9044, 28.7688, 33.6299



24.8577, 28.7688, 24.9688

Square

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



30.9044, 28.7688, 33.6299



28.1375, 28.7688, 22.5237



24.0679, 28.7688, 29.1266



26.5653, 28.7688, 42.1623

Rectangle

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



30.9044, 28.7688, 33.6299



30.2385, 28.7688, 25.6573



24.0679, 28.7688, 29.1266



24.6401, 28.7688, 37.7698

Sweetspot

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



30.9052, 28.7701, 33.6305



64.0090, 65.2090, 72.4646



29.4839, 27.8756, 40.8726



13.8531, 14.0508, 15.6560



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.



30.9052, 28.7701, 33.6305



54.1153, 49.0168, 58.0825



29.9695, 28.6264, 27.9922



7.6713, 7.5984, 8.5863



13.2692, 6.7164, 6.2294



0.3488, 0.1738, 0.2885

Inverse Universe

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



30.9052, 28.7701, 33.6305



54.1153, 49.0168, 58.0825



31.3687, 35.8685, 42.3161



7.6713, 7.5984, 8.5863



13.2692, 6.7164, 6.2294



0.3488, 0.1738, 0.2885

Previews

White Background



This preview shows how the XYZ color 30.9044, 28.7688, 33.6299 looks on a white background.

Color Contrast Check

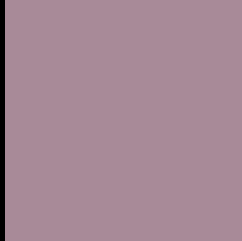
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9044, 28.7688, 33.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

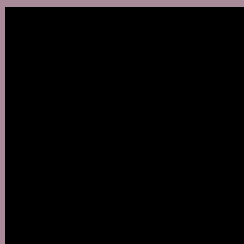
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

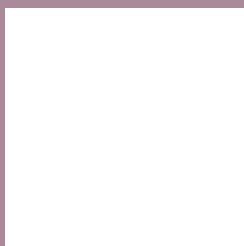
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9044, 28.7688, 33.6299

Background



This preview shows how black text looks on a background with the XYZ color 30.9044, 28.7688, 33.6299.



This preview shows how white text looks on a background with the XYZ color 30.9044, 28.7688,

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

30.9044, 28.7688, 33.6299

Protanopia

27.9802, 28.7621, 35.5294

Deuteranopia

29.3595, 28.8495, 33.2992



Tritanopia

30.6617, 28.6717, 32.3519

Trichromacy



Original Color

30.9044, 28.7688, 33.6299

Protanomaly

28.9158, 28.5826, 35.0033

Deuteranomaly

30.0111, 28.9655, 33.2873

Tritanomaly

30.7419, 28.7038, 32.7743

Monochromacy



Original Color

30.9044, 28.7688, 33.6299

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3407, 29.5207, 33.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9044, 28.7688, 33.6299 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(168, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 152)  
}
```

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(168, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.9044, 28.7688, 33.6299 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(168, 138, 152) }
```


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

```
.border{ border-color:rgb(168, 138, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9044, 28.7688, 33.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 152) }
```

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

```
.background{ background-color: rgb(168,  
138, 152) }
```

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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