

Converting Colors

XYZ(30.9306, 28.2769, 32.7181)

Have a look what the booklet for
XYZ(30.9306, 28.2769, 32.7181)
contains.

XYZ(30.8867, 28.3564, 32.6996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8867, 28.3564,
32.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8896
RGB	170, 136, 150
RGB Percent	67%, 53%, 59%
CMY	0.3333, 0.4666, 0.4118
CMYK	0.00, 0.20, 0.12, 0.33
HSL	335°, 17%, 60%
HSV	335°, 20%, 67%
XYZ	30.8867, 28.3564, 32.6996
YIQ	147.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

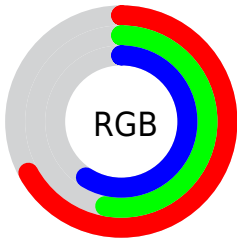
Format	Color
RYB	170, 136, 150
Decimal	11176086
CIELab	60.21, 15.27, -2.54
CIELCh	60, 15.475, 350.558
Yxy	28.3564, 0.3359, 0.3084
Android (android.graphics.Color)	4289366166 (0xFFAA8896)
YUV	147.7620, 1.1033, 19.5027
Hunter-Lab	53.2507, 10.3455, 0.8674

Details

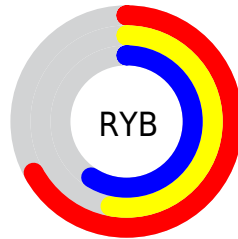
The XYZ color **30.8867, 28.3564, 32.6996** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.5299, 36.3846, 36.8680**, and the grayscale version is **28.0408, 29.5011, 32.1267**.

A 20% lighter version of the original color is **60.4607, 56.9236, 64.9275**, and **12.9160, 11.3383, 13.3121** is the 20% darker color. If you saturate the color by 10%, you get **27.9086, 23.6342, 27.9019**, and if you desaturate by 10%, it is **34.3149, 33.8681, 37.9872**.

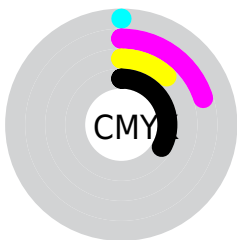
Distribution



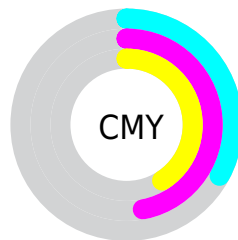
- Red (67%)
- Green (53%)
- Blue (59%)



- Red (67%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8867, 28.3564, 32.6996 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 30.8867, 28.3564, 32.6996 by changing the saturation by 10% instead.


 30.8867, 28.3564,
32.6996


 30.8867, 28.3564,
32.6996


297.8522,
294.1660, 328.8843


 20.6640, 18.5945,
21.6272


 60.4387, 57.0529,
65.0168

 12.9897, 11.3776,
13.3875


 80.4987, 76.7564,
87.0988

 7.4984, 6.3214,
7.5621


 104.5685,
100.5424, 113.6876

 3.8248, 3.0415,
3.7323

133.0135,
128.7955, 145.2019

 1.6035, 1.1534,
1.4797

166.1990,
161.9000, 182.0601

 0.3947, 0.0232,
0.2027

204.4904,

 0.0000, 0.0000,

200.2404, 224.6809

0.0000

248.2530,
244.2009, 273.4828

■ 30.8867, 28.3564,
32.6996

■ 30.8867, 28.3564,
32.6996

■ 27.9086, 23.6342,
27.9019

■ 34.3149, 33.8681,
37.9872

■ 25.3586, 19.6614,
23.5773

■ 38.2092, 40.1996,
43.7770

■ 23.2165, 16.3998,
19.7106

■ 42.5875, 47.3841,
50.0834

■ 21.4593, 13.8066,
16.2850

■ 47.4663, 55.4519,
56.9193

■ 20.0617, 11.8341,
13.2826

■ 52.8612, 64.4318,
64.2974

■ 18.9951, 10.4285,
10.6836

■ 58.7871, 74.3513,
72.2297

■ 18.2259, 9.5262,
8.4665

■ 65.2569, 85.2338,
80.7275

■ 17.6830, 8.9883,
6.5962

■ 66.6217, 85.7797,
87.9147

■ 17.6829, 8.9882,
6.5958

■ 68.0671, 86.3579,
95.5263

Harmonies

Analogous

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



30.0019, 28.3564, 38.3371



30.8867, 28.3564, 32.6996



30.6780, 28.3564, 27.2007

Triad

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



30.8867, 28.3564, 32.6996



25.6363, 28.3564, 21.7461



24.6037, 28.3564, 40.0894

Complementary

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



30.8867, 28.3564, 32.6996



30.5299, 36.3846, 36.8680

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.



23.5404, 28.3564, 34.8667



30.8867, 28.3564, 32.6996



24.1160, 28.3564, 24.4506

Square

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



30.8867, 28.3564, 32.6996



27.5816, 28.3564, 21.3160



23.3663, 28.3564, 29.1201



26.3319, 28.3564, 42.9350

Rectangle

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



30.8867, 28.3564, 32.6996



29.9506, 28.3564, 24.3114



23.3663, 28.3564, 29.1201



24.1603, 28.3564, 38.5256

Sweetspot

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



30.8875, 28.3577, 32.7002



64.9059, 65.7370, 72.8989



29.7390, 27.5633, 41.7832



14.3772, 14.5021, 16.1118



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.



30.8875, 28.3577, 32.7002



53.5451, 47.4763, 55.3596



30.2310, 28.7420, 27.2486



7.6544, 7.5916, 8.4972



13.0341, 6.6223, 4.9910



0.3427, 0.1714, 0.2562

Inverse Universe

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



30.8875, 28.3577, 32.7002



53.5451, 47.4763, 55.3596



31.2592, 35.8357, 43.2998



7.6544, 7.5916, 8.4972



13.0341, 6.6223, 4.9910



0.3427, 0.1714, 0.2562

Previews

White Background



This preview shows how the XYZ color 30.8867, 28.3564, 32.6996 looks on a white background.

Color Contrast Check

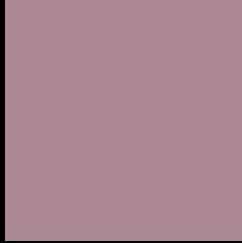
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8867, 28.3564, 32.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

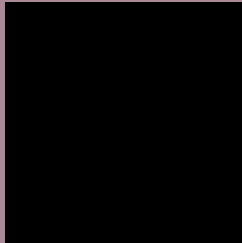
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8867, 28.3564, 32.6996

Background



This preview shows how black text looks on a background with the XYZ color 30.8867, 28.3564, 32.6996.



This preview shows how white text looks on a background with the XYZ color 30.8867, 28.3564,

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

30.8867, 28.3564, 32.6996

Protanopia

27.5667, 28.3328, 35.0262

Deuteranopia

29.0502, 28.4888, 32.4015



Tritanopia

30.6482, 28.2610, 31.4433

Trichromacy



Original Color

30.8867, 28.3564, 32.6996

Protanomaly

28.6011, 28.2197, 34.0765

Deuteranomaly

29.5577, 28.3165, 32.3415

Tritanomaly

30.7270, 28.2925, 31.8585

Monochromacy



Original Color

30.8867, 28.3564, 32.6996

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.1084, 29.1844, 32.5327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8867, 28.3564, 32.6996 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, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 150)  
}
```

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, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.8867, 28.3564, 32.6996 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, 136, 150) }
```


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

```
.border{ border-color:rgb(170, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8867, 28.3564, 32.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 150) }
```

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

```
.background{ background-color: rgb(170,  
136, 150) }
```

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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