

Converting Colors

XYZ(35.1093, 28.8073, 57.1781)

Have a look what the booklet for
XYZ(35.1093, 28.8073, 57.1781)
contains.

XYZ(34.9703, 28.7004, 57.1227)	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(34.9703, 28.7004,
57.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	AB82C6
RGB	171, 130, 198
RGB Percent	67%, 51%, 78%
CMY	0.3294, 0.4902, 0.2235
CMYK	0.14, 0.34, 0.00, 0.22
HSL	276°, 37%, 64%
HSV	276°, 34%, 78%
XYZ	34.9703, 28.7004, 57.1227
YIQ	150.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

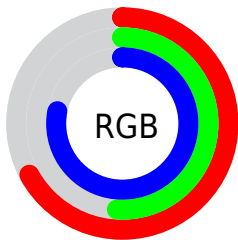
Format	Color
RYB	171, 130, 198
Decimal	11240134
CIELab	60.52, 28.47, -29.38
CIElCh	61, 40.910, 314.098
Yxy	28.7004, 0.2895, 0.2376
Android (android.graphics.Color)	4289430214 (0xFFAB82C6)
YUV	150.0110, 23.6586, 18.4074
Hunter-Lab	53.5728, 22.7658, -25.7179

Details

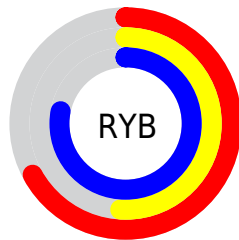
The XYZ color **34.9703, 28.7004, 57.1227** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1288, 49.1686, 28.6012**, and the grayscale version is **28.8970, 30.4019, 33.1076**.

A 20% lighter version of the original color is **66.6620, 57.4179, 102.1770**, and **15.3739, 11.6025, 27.8148** is the 20% darker color. If you saturate the color by 10%, you get **30.9240, 23.0744, 56.2505**, and if you desaturate by 10%, it is **39.6271, 35.3948, 58.1699**.

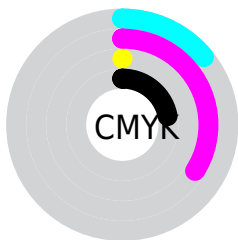
Distribution



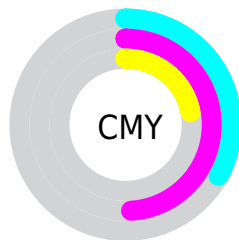
- Red (67%)
- Green (51%)
- Blue (78%)



- Red (67%)
- Yellow (51%)
- Blue (78%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9703, 28.7004, 57.1227 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 34.9703, 28.7004, 57.1227 by changing the saturation by 10% instead.

34.9703, 28.7004,
57.1227

34.9703, 28.7004,
57.1227

315.9475,
295.7987, 431.4155

23.8064, 18.8543,
40.6937

66.7741, 57.6007,
102.1463

15.3140, 11.5650,
27.7620

88.1447, 77.4238,
131.5781

9.1278, 6.4482,
17.9088

113.6482,
101.3412, 166.1811

4.8824, 3.1195,
10.7158

143.6501,
129.7375, 206.3741

2.2125, 1.1944,
5.7643

178.5156,
162.9970, 252.5755

0.7493, 0.0572,
2.6358

218.6101,

0.0000, 0.0000,

201.5041, 305.2038

0.9109

264.2989,
245.6432, 364.6777

■ 0.0000, 0.0000,
0.0000

■ 34.9703, 28.7004,
57.1227

■ 34.9703, 28.7004,
57.1227

■ 30.9240, 23.0744,
56.2505

■ 39.6271, 35.3948,
58.1699

■ 27.4545, 18.4540,
55.5415

■ 44.9201, 43.2085,
59.3991

■ 24.5287, 14.7751,
54.9856

■ 50.8769, 52.1936,
60.8194

■ 22.1088, 11.9646,
54.5707

■ 57.5224, 62.3975,
62.4387

■ 20.1510, 9.9382,
54.2828

■ 64.8804, 73.8653,
64.2644

■ 18.6030, 8.5938,
54.1048

■ 72.9733, 86.6395,
66.3036

■ 17.8536, 8.0264,
54.0348

■ 77.3279, 91.7715,
67.0646

■ 79.8507, 93.0721,
67.1827

■ 82.4879, 94.4316,
67.3061

Harmonies

Analogous

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



29.8270, 28.7004, 68.7771



34.9703, 28.7004, 57.1227



38.2525, 28.7004, 39.9112

Triad

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



34.9703, 28.7004, 57.1227



30.1558, 28.7004, 10.7998



18.5704, 28.7004, 38.8798

Complementary

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



34.9703, 28.7004, 57.1227



38.1288, 49.1686, 28.6012

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.



18.6345, 28.7004, 23.9420



34.9703, 28.7004, 57.1227



24.8801, 28.7004, 10.6836

Square

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



34.9703, 28.7004, 57.1227



35.2376, 28.7004, 15.0706



20.8070, 28.7004, 14.6762



20.6190, 28.7004, 56.1609

Rectangle

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



34.9703, 28.7004, 57.1227



38.7085, 28.7004, 29.2178



20.8070, 28.7004, 14.6762



18.3547, 28.7004, 33.3740

Sweetspot

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



34.9713, 28.7016, 57.1233



83.8205, 82.9257, 106.1962



31.4908, 33.0058, 58.1376



17.6246, 17.2736, 22.6552



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.9713, 28.7016, 57.1233



56.6106, 43.3958, 100.0003



40.6981, 31.7425, 53.3882



10.6598, 10.5984, 13.4014



11.7091, 5.2705, 35.1445



0.6344, 0.2908, 1.6678

Inverse Universe

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



37.3580, 30.4065, 35.7993



61.7285, 47.0207, 55.6696



33.9020, 46.9351, 30.8655



10.8054, 10.7055, 11.9585



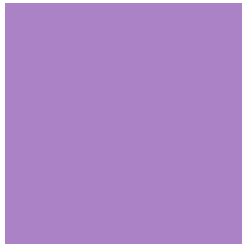
16.0936, 8.1870, 5.7026



0.7976, 0.4019, 0.4572

Previews

White Background



This preview shows how the XYZ color 34.9703, 28.7004, 57.1227 looks on a white background.

Color Contrast Check

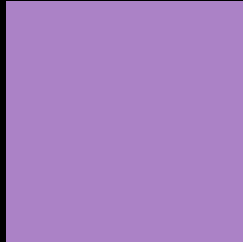
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9703, 28.7004, 57.1227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

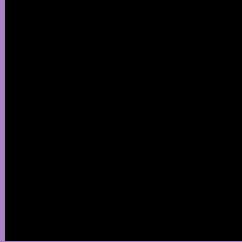
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9703, 28.7004, 57.1227

Background



This preview shows how black text looks on a background with the XYZ color 34.9703, 28.7004, 57.1227.



This preview shows how white text looks on a background with the XYZ color 34.9703, 28.7004,

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

34.9703, 28.7004, 57.1227

Protanopia

30.0861, 28.9856, 64.3307

Deuteranopia

29.4965, 28.8732, 55.6482



Tritanopia

29.9874, 28.7447, 32.8219

Trichromacy



Original Color

34.9703, 28.7004, 57.1227

Protanomaly

31.4074, 28.6238, 61.6272

Deuteranomaly

31.2290, 28.6538, 56.1093

Tritanomaly

31.5051, 28.5053, 40.4008

Monochromacy



Original Color

34.9703, 28.7004, 57.1227

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.8981, 29.7040, 40.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9703, 28.7004, 57.1227 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(171, 130, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 198)  
}
```

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(171, 130, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.9703, 28.7004, 57.1227 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(171, 130, 198) }
```


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

```
.border{ border-color:rgb(171, 130, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 130, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 130, 198); box-shadow:4px 4px 4px 4px rgb(171, 130, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9703, 28.7004, 57.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 198) }
```

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

```
.background{ background-color: rgb(171,  
130, 198) }
```

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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