

Converting Colors

XYZ(35.6164, 31.5271, 42.8541)

Have a look what the booklet for
XYZ(35.6164, 31.5271, 42.8541)
contains.

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Color

**XYZ(35.5512, 31.3997,
42.7151)**

Conversions

Conversions Part 1

Format	Color
Hex	B48CAB
RGB	180, 140, 171
RGB Percent	71%, 55%, 67%
CMY	0.2941, 0.4510, 0.3294
CMYK	0.00, 0.22, 0.05, 0.29
HSL	314°, 21%, 63%
HSV	314°, 22%, 71%
XYZ	35.5512, 31.3997, 42.7151
YIQ	155.4940, 13.8890, 18.1210

Conversions

Conversions Part 2

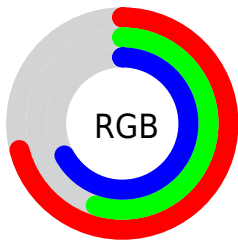
Format	Color
R _Y B	180, 140, 171
Decimal	11832491
CIE Lab	62.84, 20.41, -10.47
CIE LCh	63, 22.941, 332.838
Yxy	31.3997, 0.3242, 0.2863
Android (android.graphics.Color)	4290022571 (0xFFB48CAB)
YUV	155.4940, 7.6445, 21.4918
Hunter-Lab	56.0354, 15.1858, -5.9712

Details

The XYZ color **35.5512, 31.3997, 42.7151** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.5626, 40.3889, 34.5152**, and the grayscale version is **31.3382, 32.9703, 35.9046**.

A 20% lighter version of the original color is **67.6113, 61.9074, 80.3373**, and **15.7383, 13.1563, 19.1627** is the 20% darker color. If you saturate the color by 10%, you get **32.7532, 26.4116, 39.9069**, and if you desaturate by 10%, it is **38.7932, 37.2557, 45.7304**.

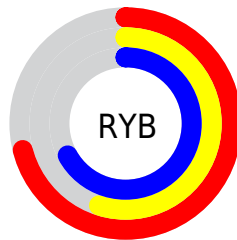
Distribution



Red (71%)

Green (55%)

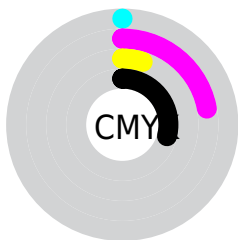
Blue (67%)



Red (71%)

Yellow (55%)

Blue (67%)

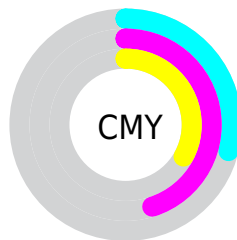


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5512, 31.3997, 42.7151 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 35.5512, 31.3997, 42.7151 by changing the saturation by 10% instead.


 35.5512, 31.3997,
42.7151


 35.5512, 31.3997,
42.7151

318.4602,
308.3755, 373.3255


 24.2563, 20.9034,
29.3319


 67.6672, 61.8688,
80.5625

 15.6496, 13.0534,
19.0843

 89.2190, 82.6104,
105.8638

 9.3658, 7.4653,
11.5538


 114.9205,
107.5359, 135.9748

 5.0396, 3.7548,
6.3218

145.1369,
137.0297, 171.3142

 2.3055, 1.5374,
2.9698

180.2338,
171.4761, 212.3004

 0.7975, 0.3148,
1.0792

220.5764,

 0.0000, 0.0000,

211.2597, 259.3520

0.0000

266.5301,
256.7647, 312.8875

■ 35.5512, 31.3997,
42.7151

■ 35.5512, 31.3997,
42.7151

■ 32.7532, 26.4116,
39.9069

■ 38.7932, 37.2557,
45.7304

■ 30.3753, 22.2456,
37.2963

■ 42.4959, 44.0146,
48.9578

■ 28.3957, 18.8576,
34.8757

■ 46.6786, 51.7142,
52.4045

■ 26.7896, 16.1979,
32.6365

■ 51.3587, 60.3892,
56.0770

■ 25.5290, 14.2111,
30.5687

■ 56.5527, 70.0724,
59.9812

■ 24.5821, 12.8338,
28.6613

■ 62.2763, 80.7951,
64.1227

■ 23.9110, 11.9901,
26.9010

■ 64.9327, 85.3635,
67.3032

■ 23.5193, 11.5821,
25.6128

■ 65.4105, 85.5546,
69.8193

■ 65.9009, 85.7507,
72.4018

Harmonies

Analogous

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



33.2432, 31.3997, 50.8918



35.5512, 31.3997, 42.7151



36.2970, 31.3997, 33.3391

Triad

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



35.5512, 31.3997, 42.7151



29.5462, 31.3997, 19.6513



25.0490, 31.3997, 44.4601

Complementary

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



35.5512, 31.3997, 42.7151



32.5626, 40.3889, 34.5152

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.



24.2059, 31.3997, 35.0531



35.5512, 31.3997, 42.7151



26.6856, 31.3997, 21.6104

Square

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



35.5512, 31.3997, 42.7151



32.6894, 31.3997, 20.9853



24.7837, 31.3997, 26.8803



27.1696, 31.3997, 52.0172

Rectangle

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



35.5512, 31.3997, 42.7151



35.7682, 31.3997, 27.9013



24.7837, 31.3997, 26.8803



24.6138, 31.3997, 41.3566

Sweetspot

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



35.5521, 31.4011, 42.7158



73.6569, 73.5935, 85.8535



29.9513, 28.4112, 47.0860



15.8356, 15.7523, 18.4824



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.5521, 31.4011, 42.7158



61.7049, 52.0032, 74.7364



33.8147, 30.7061, 33.5663



8.7666, 8.6133, 10.2692



16.4409, 8.0939, 18.0138



0.5375, 0.2627, 0.6731

Inverse Universe

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



35.5521, 31.4011, 42.7158



61.7049, 52.0032, 74.7364



34.2678, 41.0710, 43.4947



8.7666, 8.6133, 10.2692



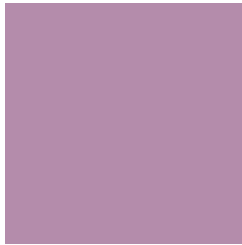
16.4409, 8.0939, 18.0138



0.5375, 0.2627, 0.6731

Previews

White Background



This preview shows how the XYZ color 35.5512, 31.3997, 42.7151 looks on a white background.

Color Contrast Check

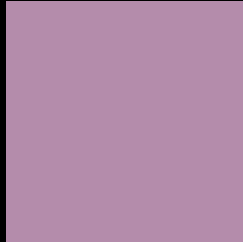
Large Text (above 18pt) WCAG AA × Fail

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 35.5512, 31.3997, 42.7151 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 35.5512, 31.3997, 42.7151

Background



This preview shows how black text looks on a background with the XYZ color 35.5512, 31.3997, 42.7151.



This preview shows how white text looks on a background with the XYZ color 35.5512, 31.3997,

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

35.5512, 31.3997, 42.7151

Protanopia

31.1351, 31.5506, 46.5684

Deuteranopia

32.0494, 31.4153, 41.9107



Tritanopia

34.0153, 31.4430, 34.8482

Trichromacy



Original Color

35.5512, 31.3997, 42.7151

Protanomaly

32.4697, 31.3335, 44.8941

Deuteranomaly

33.3174, 31.3686, 42.3289

Tritanomaly

34.6086, 31.4678, 37.5075

Monochromacy



Original Color

35.5512, 31.3997, 42.7151

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6492, 32.2784, 38.2278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5512, 31.3997, 42.7151 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(180, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 140, 171)  
}
```

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(180, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 140, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.5512, 31.3997, 42.7151 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(180, 140, 171) }
```


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

```
.border{ border-color:rgb(180, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 140,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5512, 31.3997, 42.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 140, 171) }
```

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

```
.background{ background-color: rgb(180,  
140, 171) }
```

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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