

Converting Colors

XYZ(35.1451, 27.4952, 48.9299)

Have a look what the booklet for
XYZ(35.1451, 27.4952, 48.9299)
contains.

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Color

**XYZ(35.1397, 27.4470,
48.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	B77AB8
RGB	183, 122, 184
RGB Percent	72%, 48%, 72%
CMY	0.2823, 0.5216, 0.2784
CMYK	0.01, 0.34, 0.00, 0.28
HSL	299°, 30%, 60%
HSV	299°, 34%, 72%
XYZ	35.1397, 27.4470, 48.7931
YIQ	147.3070, 16.4540, 32.2140

Conversions

Conversions Part 2

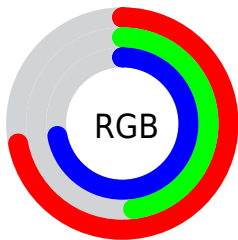
Format	Color
R _Y B	183, 122, 184
Decimal	12024504
CIE Lab	59.39, 33.92, -23.07
CIE LCh	59, 41.023, 325.775
Yxy	27.4470, 0.3155, 0.2464
Android (android.graphics.Color)	4290214584 (0xFFB77AB8)
YUV	147.3070, 18.0896, 31.3028
Hunter-Lab	52.3899, 28.0438, -18.5466

Details

The XYZ color **35.1397, 27.4470, 48.7931** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.8226, 39.8977, 24.5956**, and the grayscale version is **27.7836, 29.2305, 31.8320**.

A 20% lighter version of the original color is **66.9933, 55.4765, 89.6152**, and **15.4674, 10.9406, 22.7692** is the 20% darker color. If you saturate the color by 10%, you get **33.0206, 23.3129, 48.1072**, and if you desaturate by 10%, it is **37.6884, 32.4390, 49.6227**.

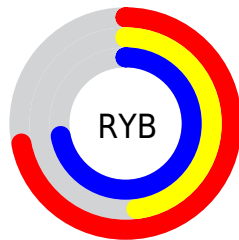
Distribution



Red (72%)

Green (48%)

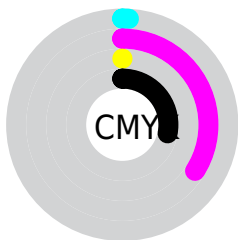
Blue (72%)



Red (72%)

Yellow (48%)

Blue (72%)

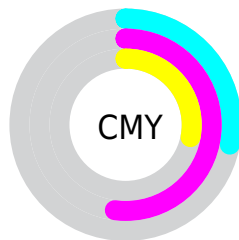


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1397, 27.4470, 48.7931 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 35.1397, 27.4470, 48.7931 by changing the saturation by 10% instead.


 35.1397, 27.4470,
48.7931

 35.1397, 27.4470,
48.7931


316.6818,
289.8149, 398.5263


 23.9375, 17.9092,
34.0909


 67.0347, 55.6003,
89.7619

 15.4118, 10.8848,
22.6855


 88.4583, 74.9847,
116.8656

 9.1971, 5.9894,
14.1584


 114.0197, 98.4200,
148.9402

 4.9281, 2.8387,
8.0909

144.0843,
126.2907, 186.4043

 2.2395, 1.0481,
4.0646

179.0174,
158.9811, 229.6765

 0.7634, 0.0000,
1.6608

219.1845,

 0.0000, 0.0000,

196.8757, 279.1751

0.3337

264.9508,
240.3588, 335.3189

■ 0.0000, 0.0000,
0.0000

■ 35.1397, 27.4470,
48.7931

■ 35.1397, 27.4470,
48.7931

■ 33.0206, 23.3129,
48.1072

■ 37.6884, 32.4390,
49.6227

■ 31.3043, 19.9847,
47.5553

■ 40.6864, 38.3300,
50.6018

■ 29.9651, 17.4104,
47.1290

■ 44.1554, 45.1626,
51.7378

■ 28.9731, 15.5304,
46.8184

■ 48.1147, 52.9758,
53.0372

■ 28.2940, 14.2760,
46.6120

■ 52.5828, 61.8063,
54.5062

■ 27.8867, 13.5648,
46.4962

■ 57.5771, 71.6889,
56.1505

■ 27.7160, 13.2887,
46.4519

■ 63.1142, 82.6569,
57.9757

■ 64.5097, 85.3416,
58.4203

■ 64.5816, 85.3786,
58.4237

Harmonies

Analogous

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



30.6243, 27.4470, 63.2956



35.1397, 27.4470, 48.7931



37.2340, 27.4470, 32.0185

Triad

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



35.1397, 27.4470, 48.7931



26.8222, 27.4470, 9.6155



18.1632, 27.4470, 43.9561

Complementary

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



35.1397, 27.4470, 48.7931



28.8226, 39.8977, 24.5956

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.



17.4224, 27.4470, 27.8486



35.1397, 27.4470, 48.7931



22.0226, 27.4470, 10.9596

Square

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



35.1397, 27.4470, 48.7931



32.0487, 27.4470, 12.0626



18.7410, 27.4470, 16.6277



20.9156, 27.4470, 59.9196

Rectangle

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



35.1397, 27.4470, 48.7931



36.7980, 27.4470, 22.8333



18.7410, 27.4470, 16.6277



17.6875, 27.4470, 38.2572

Sweetspot

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



35.1406, 27.4482, 48.7937



75.8730, 73.6523, 92.4220



23.7660, 21.7737, 48.2979



16.1733, 15.5170, 19.8643



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.1406, 27.4482, 48.7937



60.9415, 44.3694, 87.5568



32.5630, 26.4447, 33.9755



9.3662, 9.1552, 11.3529



19.1077, 9.1616, 32.0143



0.6782, 0.3253, 1.1288

Inverse Universe

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



30.3027, 25.5406, 22.0727



50.9185, 40.4205, 32.0543



30.8322, 40.6851, 35.9204



9.0103, 9.0145, 9.4018



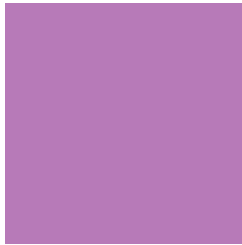
13.6371, 7.0286, 0.7099



0.4827, 0.2486, 0.0355

Previews

White Background



This preview shows how the XYZ color 35.1397, 27.4470, 48.7931 looks on a white background.

Color Contrast Check

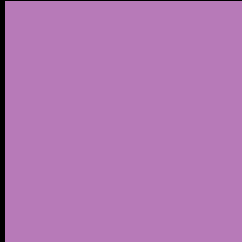
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1397, 27.4470, 48.7931 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 35.1397, 27.4470, 48.7931

Background



This preview shows how black text looks on a background with the XYZ color 35.1397, 27.4470, 48.7931.



This preview shows how white text looks on a background with the XYZ color 35.1397, 27.4470,

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

35.1397, 27.4470, 48.7931

Protanopia

28.4379, 27.6089, 57.8630

Deuteranopia

28.3466, 27.7892, 47.5859



Tritanopia

31.0555, 27.5028, 28.8711

Trichromacy



Original Color

35.1397, 27.4470, 48.7931

Protanomaly

30.2953, 27.1483, 54.6823

Deuteranomaly

30.2950, 27.2976, 47.9282

Tritanomaly

32.3954, 27.4564, 35.4905

Monochromacy



Original Color

35.1397, 27.4470, 48.7931

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.9308, 28.1886, 37.1211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1397, 27.4470, 48.7931 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(183, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 122, 184)  
}
```

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(183, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 122, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.1397, 27.4470, 48.7931 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(183, 122, 184) }
```


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

```
.border{ border-color:rgb(183, 122, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 122, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 122,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1397, 27.4470, 48.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 122, 184) }
```

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

```
.background{ background-color: rgb(183,  
122, 184) }
```

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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