

Converting Colors

XYZ(41.4360, 37.4304, 58.5999)

Have a look what the booklet for
XYZ(41.4360, 37.4304, 58.5999)
contains.

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Color

**XYZ(41.2771, 37.2557,
58.4416)**

Conversions

Conversions Part 1

Format	Color
Hex	B79AC6
RGB	183, 154, 198
RGB Percent	72%, 60%, 78%
CMY	0.2823, 0.3961, 0.2235
CMYK	0.08, 0.22, 0.00, 0.22
HSL	280°, 28%, 69%
HSV	280°, 22%, 78%
XYZ	41.2771, 37.2557, 58.4416
YIQ	167.6870, 3.1600, 19.8320

Conversions

Conversions Part 2

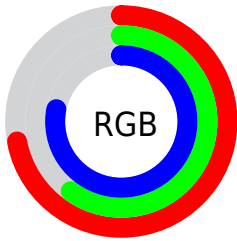
Format	Color
RYB	183, 154, 198
Decimal	12032710
CIELab	67.47, 18.86, -18.63
CIELCh	67, 26.509, 315.363
Yxy	37.2557, 0.3013, 0.2720
Android (android.graphics.Color)	4290222790 (0xFFB79AC6)
YUV	167.6870, 14.9443, 13.4295
Hunter-Lab	61.0374, 13.8966, -14.0423

Details

The XYZ color **41.2771, 37.2557, 58.4416** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3903, 51.1572, 38.2137**, and the grayscale version is **36.9951, 38.9217, 42.3857**.

A 20% lighter version of the original color is **76.4471, 71.1717, 104.3160**, and **19.0902, 16.4599, 28.5565** is the 20% darker color. If you saturate the color by 10%, you get **36.7079, 30.4433, 57.3681**, and if you desaturate by 10%, it is **46.4647, 45.1890, 59.7000**.

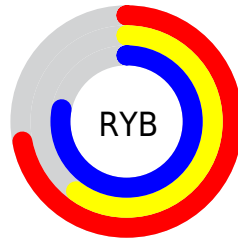
Distribution



Red (72%)

Green (60%)

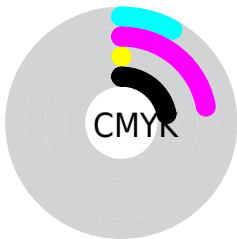
Blue (78%)



Red (72%)

Yellow (60%)

Blue (78%)

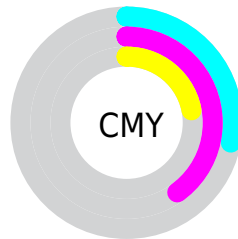


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2771, 37.2557, 58.4416 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 41.2771, 37.2557, 58.4416 by changing the saturation by 10% instead.

■ 41.2771, 37.2557,
58.4416

■ 41.2771, 37.2557,
58.4416

342.5203,
334.4162, 436.4735

■ 28.7243, 25.4055,
41.7467

■ 76.3764, 70.9659,
104.0868

■ 19.0156, 16.3794,
28.5789

■ 99.6536, 93.5947,
133.8742

■ 11.7856, 9.7931,
18.5197

127.2364,
120.5851, 168.8628

■ 6.6690, 5.2620,
11.1505

159.4900,
152.3217, 209.4712

■ 3.3005, 2.4018,
6.0527

196.7798,
189.1886, 256.1179

■ 1.3146, 0.8268,
2.8078

239.4712,

■ 0.1941, 0.0000,

231.5705, 309.2216

0.9974

287.9296,
279.8515, 369.2006

■ 0.0000, 0.0000,
0.0000

■ 41.2771, 37.2557,
58.4416

■ 41.2771, 37.2557,
58.4416

■ 36.7079, 30.4433,
57.3681

■ 46.4647, 45.1890,
59.7000

■ 32.7261, 24.6938,
56.4682

■ 52.2927, 54.2881,
61.1492

■ 29.3031, 19.9508,
55.7331

■ 58.7866, 64.6014,
62.7976

■ 26.4064, 16.1508,
55.1523

■ 65.9690, 76.1729,
64.6525

■ 23.9998, 13.2232,
54.7140

■ 73.8616, 89.0445,
66.7210

■ 22.0416, 11.0865,
54.4048

■ 76.5397, 91.3652,
67.0278

■ 20.4826, 9.6438,
54.2085

■ 78.6675, 92.4621,
67.1274

■ 19.4758, 8.8627,
54.1108

■ 80.8792, 93.6023,
67.2309

■ 83.1758, 94.7862,
67.3384

Harmonies

Analogous

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



37.5248, 37.2557, 66.2472



41.2771, 37.2557, 58.4416



43.5363, 37.2557, 46.4975

Triad

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



41.2771, 37.2557, 58.4416



37.4254, 37.2557, 22.5121



28.3865, 37.2557, 46.7984

Complementary

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



41.2771, 37.2557, 58.4416



42.3903, 51.1572, 38.2137

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.



28.3643, 37.2557, 35.1601



41.2771, 37.2557, 58.4416



33.3770, 37.2557, 22.5617

Square

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



41.2771, 37.2557, 58.4416



41.1995, 37.2557, 26.6137



30.1278, 37.2557, 26.7655



30.1907, 37.2557, 58.6980

Rectangle

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



41.2771, 37.2557, 58.4416



43.7890, 37.2557, 38.5059



30.1278, 37.2557, 26.7655



28.1752, 37.2557, 42.6965

Sweetspot

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



41.2783, 37.2573, 58.4424



87.4141, 87.9993, 106.9861



37.7834, 39.4738, 59.0544



18.5752, 18.6248, 22.8659



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.



41.2783, 37.2573, 58.4424



68.7662, 59.4780, 102.4638



44.2934, 38.8977, 54.6956



10.7184, 10.6286, 13.4041



12.7601, 5.8123, 35.1937



0.6795, 0.3140, 1.6699

Inverse Universe

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



42.0070, 37.9831, 42.6552



70.4163, 61.0754, 68.8036



39.9196, 49.8183, 41.0471



10.7806, 10.6956, 11.8279



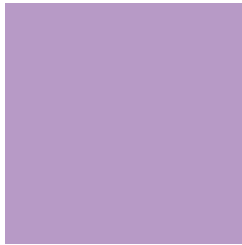
15.8502, 8.0896, 4.4211



0.7845, 0.3967, 0.3885

Previews

White Background



This preview shows how the XYZ color 41.2771, 37.2557, 58.4416 looks on a white background.

Color Contrast Check

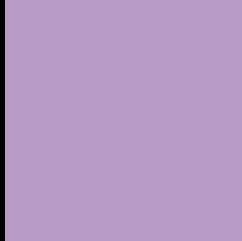
Large Text (above 18pt) WCAG AA × Fail

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 41.2771, 37.2557, 58.4416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

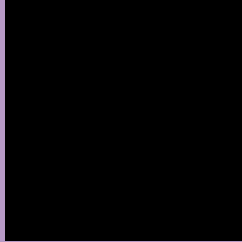
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2771, 37.2557, 58.4416

Background



This preview shows how black text looks on a background with the XYZ color 41.2771, 37.2557, 58.4416.



This preview shows how white text looks on a background with the XYZ color 41.2771, 37.2557,

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

41.2771, 37.2557, 58.4416

Protanopia

37.5138, 37.5226, 62.3921

Deuteranopia

38.3400, 37.5203, 58.0447



Tritanopia

38.3392, 37.3203, 43.7109

Trichromacy



Original Color

41.2771, 37.2557, 58.4416

Protanomaly

38.7485, 37.4052, 61.0548

Deuteranomaly

39.3182, 37.2556, 57.9421

Tritanomaly

39.2199, 37.1534, 48.8203

Monochromacy



Original Color

41.2771, 37.2557, 58.4416

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4675, 38.3333, 48.0194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2771, 37.2557, 58.4416 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, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 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(183, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.2771, 37.2557, 58.4416 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, 154, 198) }
```


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

```
.border{ border-color:rgb(183, 154, 198) }
```

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

Here you see how a box with a 4 pixel rgb(183, 154, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 154,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2771, 37.2557, 58.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 198) }
```

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

```
.background{ background-color: rgb(183,  
154, 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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