

Converting Colors

XYZ(41.9933, 39.8169, 56.8298)

Have a look what the booklet for
XYZ(41.9933, 39.8169, 56.8298)
contains.

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Color

**XYZ(42.0621, 39.7259,
57.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A2C3
RGB	182, 162, 195
RGB Percent	71%, 64%, 76%
CMY	0.2863, 0.3647, 0.2353
CMYK	0.07, 0.17, 0.00, 0.24
HSL	276°, 22%, 70%
HSV	276°, 17%, 76%
XYZ	42.0621, 39.7259, 57.0807
YIQ	171.7420, 1.3270, 14.5030

Conversions

Conversions Part 2

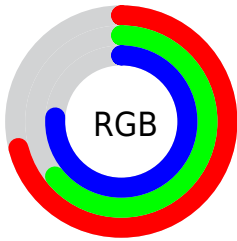
Format	Color
RYB	182, 162, 195
Decimal	11969219
CIELab	69.27, 13.47, -14.24
CIElCh	69, 19.599, 313.398
Yxy	39.7259, 0.3029, 0.2861
Android (android.graphics.Color)	4290159299 (0xFFB6A2C3)
YUV	171.7420, 11.4662, 8.9963
Hunter-Lab	63.0285, 8.8222, -9.5751

Details

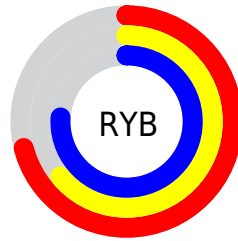
The XYZ color **42.0621, 39.7259, 57.0807** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7173, 50.7538, 41.6767**, and the grayscale version is **39.0268, 41.0592, 44.7135**.

A 20% lighter version of the original color is **77.6434, 74.8311, 102.4471**, and **19.4369, 17.7421, 27.5994** is the 20% darker color. If you saturate the color by 10%, you get **37.1254, 32.4719, 55.9413**, and if you desaturate by 10%, it is **47.6334, 48.0999, 58.4040**.

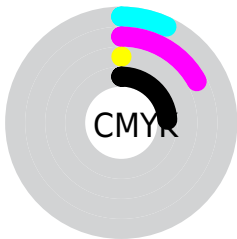
Distribution



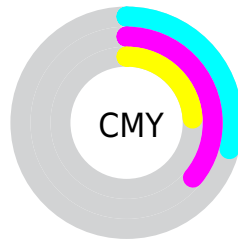
- Red (71%)
- Green (64%)
- Blue (76%)



- Red (71%)
- Yellow (64%)
- Blue (76%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0621, 39.7259, 57.0807 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 42.0621, 39.7259, 57.0807 by changing the saturation by 10% instead.

■ 42.0621, 39.7259,
57.0807

■ 42.0621, 39.7259,
57.0807

345.7275,
344.9669, 431.2538

■ 29.3412, 27.3249,
40.6602

■ 77.5582, 74.7459,
102.0844

■ 19.4847, 17.8174,
27.7360

■ 101.0641, 98.1338,
131.5048

■ 12.1271, 10.8190,
17.8894

128.8958,
125.9527, 166.0955

■ 6.9031, 5.9452,
10.7020

161.4185,
158.5870, 206.2752

■ 3.4474, 2.8118,
5.7552

198.9977,
196.4212, 252.4623

■ 1.3945, 1.0343,
2.6304

241.9987,

■ 0.2523, 0.0000,

239.8397, 305.0754

0.9081

290.7869,
289.2268, 364.5331

■ 0.0000, 0.0000,
0.0000

■ 42.0621, 39.7259,
57.0807

■ 42.0621, 39.7259,
57.0807

■ 37.1254, 32.4719,
55.9413

■ 47.6334, 48.0999,
58.4040

■ 32.7937, 26.2831,
54.9751

■ 53.8600, 57.6353,
59.9163

■ 29.0401, 21.1076,
54.1739

■ 60.7664, 68.3778,
61.6259

■ 25.8343, 16.8869,
53.5282

■ 68.3743, 80.3689,
63.5394

■ 23.1426, 13.5565,
53.0273

■ 75.2507, 90.7403,
65.1788

■ 20.9275, 11.0438,
52.6590

■ 77.6354, 91.9697,
65.2905

■ 19.1451, 9.2639,
52.4094

■ 80.1285, 93.2549,
65.4071

■ 17.7370, 8.1026,
52.2595

■ 82.7313, 94.5967,
65.5289

■ 17.3460, 7.8043,
52.2225

■ 85.4450, 95.9957,
65.6559

Harmonies

Analogous

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



39.1752, 39.7259, 62.3591



42.0621, 39.7259, 57.0807



43.8474, 39.7259, 48.3881

Triad

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



42.0621, 39.7259, 57.0807



39.5105, 39.7259, 28.7050



32.1820, 39.7259, 47.3880

Complementary

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



42.0621, 39.7259, 57.0807



43.7173, 50.7538, 41.6767

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.



32.2607, 39.7259, 38.4980



42.0621, 39.7259, 57.0807



36.3759, 39.7259, 28.5149

Square

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



42.0621, 39.7259, 57.0807



42.3193, 39.7259, 32.4250



33.7585, 39.7259, 31.8637



33.5373, 39.7259, 56.2616

Rectangle

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



42.0621, 39.7259, 57.0807



44.1145, 39.7259, 42.2376



33.7585, 39.7259, 31.8637



32.0440, 39.7259, 44.2881

Sweetspot

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



42.0633, 39.7276, 57.0816



87.2778, 89.1365, 105.0748



40.1211, 42.3610, 57.6922



18.9445, 19.2637, 22.9697



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.



42.0633, 39.7276, 57.0816



72.2138, 66.5287, 101.5050



44.9084, 41.2369, 55.2884



10.1008, 10.0431, 12.6910



11.3705, 5.1221, 33.9460



0.5670, 0.2603, 1.4702

Inverse Universe

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



43.1652, 40.5396, 46.1091



74.5840, 68.2678, 78.2485



41.2357, 49.4402, 43.1120



10.2338, 10.1421, 11.3220



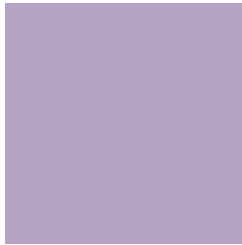
15.5328, 7.9029, 5.4518



0.7050, 0.3550, 0.4142

Previews

White Background



This preview shows how the XYZ color 42.0621, 39.7259, 57.0807 looks on a white background.

Color Contrast Check

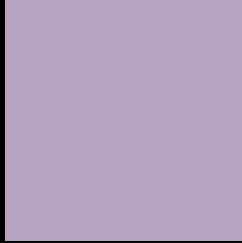
Large Text (above 18pt) WCAG AA × Fail

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 42.0621, 39.7259, 57.0807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

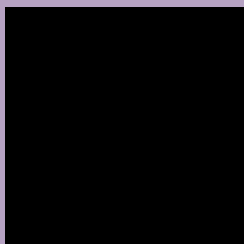
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0621, 39.7259, 57.0807

Background



This preview shows how black text looks on a background with the XYZ color 42.0621, 39.7259, 57.0807.



This preview shows how white text looks on a background with the XYZ color 42.0621, 39.7259,

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

42.0621, 39.7259, 57.0807

Protanopia

39.4157, 39.9153, 59.6598

Deuteranopia

40.6483, 39.8040, 56.5795



Tritanopia

40.0814, 39.7083, 47.6714

Trichromacy



Original Color

42.0621, 39.7259, 57.0807

Protanomaly

40.4068, 39.8957, 58.9971

Deuteranomaly

41.1445, 39.7931, 56.5512

Tritanomaly

40.7496, 39.7149, 50.8654

Monochromacy



Original Color

42.0621, 39.7259, 57.0807

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1453, 40.5307, 48.8873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0621, 39.7259, 57.0807 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(182, 162, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 195)  
}
```

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(182, 162, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 195) }
```

Border

The CSS property to change the border of an element to XYZ 42.0621, 39.7259, 57.0807 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(182, 162, 195) }
```


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

```
.border{ border-color:rgb(182, 162, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 162, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 162,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0621, 39.7259, 57.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 195) }
```

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

```
.background{ background-color: rgb(182,  
162, 195) }
```

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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