

Converting Colors

XYZ(42.0686, 37.9229, 56.4209)

Have a look what the booklet for
XYZ(42.0686, 37.9229, 56.4209)
contains.

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Color

**XYZ(41.9525, 37.9025,
56.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9BC2
RGB	187, 155, 194
RGB Percent	73%, 61%, 76%
CMY	0.2667, 0.3921, 0.2392
CMYK	0.04, 0.20, 0.00, 0.24
HSL	289°, 24%, 68%
HSV	289°, 20%, 76%
XYZ	41.9525, 37.9025, 56.1437
YIQ	169.0140, 6.5530, 18.9130

Conversions

Conversions Part 2

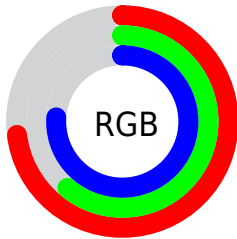
Format	Color
RYB	187, 155, 194
Decimal	12295106
CIELab	67.95, 18.85, -15.64
CIELCh	68, 24.490, 320.315
Yxy	37.9025, 0.3085, 0.2787
Android (android.graphics.Color)	4290485186 (0xFFBB9BC2)
YUV	169.0140, 12.3181, 15.7737
Hunter-Lab	61.5650, 13.8972, -10.9735

Details

The XYZ color **41.9525, 37.9025, 56.1437** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.1097, 48.6324, 38.2851**, and the grayscale version is **37.6587, 39.6199, 43.1460**.

A 20% lighter version of the original color is **77.4213, 72.1129, 101.1054**, and **19.3568, 16.7806, 27.0297** is the 20% darker color. If you saturate the color by 10%, you get **38.1385, 31.5232, 55.1140**, and if you desaturate by 10%, it is **46.3082, 45.3331, 57.3490**.

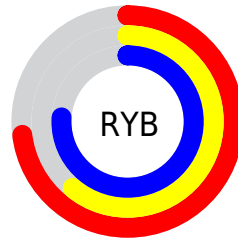
Distribution



Red (73%)

Green (61%)

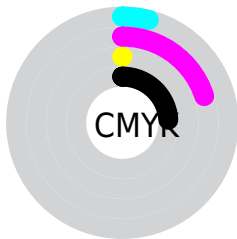
Blue (76%)



Red (73%)

Yellow (61%)

Blue (76%)

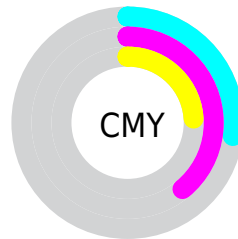


Cyan (4%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9525, 37.9025, 56.1437 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 41.9525, 37.9025, 56.1437 by changing the saturation by 10% instead.

■ 41.9525, 37.9025,
56.1437

■ 41.9525, 37.9025,
56.1437

345.2810,
337.2015, 427.6363

■ 29.2550, 25.9070,
39.9134

■ 77.3933, 71.9587,
100.7025

■ 19.4191, 16.7541,
27.1577

■ 100.8674, 94.7882,
129.8681

■ 12.0793, 10.0593,
17.4582

128.6645,
121.9978, 164.1826

■ 6.8703, 5.4383,
10.3963

161.1498,
153.9719, 204.0644

■ 3.4267, 2.5067,
5.5535

198.6887,
191.0950, 249.9322

■ 1.3832, 0.8800,
2.5112

241.6467,

■ 0.2442, 0.0000,

233.7513, 302.2044

0.8461

290.3890,
282.3254, 361.2996

■ 0.0000, 0.0000,
0.0000

■ 41.9525, 37.9025,
56.1437

■ 41.9525, 37.9025,
56.1437

■ 38.1385, 31.5232,
55.1140

■ 46.3082, 45.3331,
57.3490

■ 34.8378, 26.1407,
54.2490

■ 51.2253, 53.8564,
58.7349

■ 32.0247, 21.7033,
53.5408

■ 56.7267, 63.5173,
60.3097

■ 29.6698, 18.1522,
52.9794

■ 62.8332, 74.3569,
62.0802

■ 27.7404, 15.4222,
52.5542

■ 69.5643, 86.4143,
64.0527

■ 26.1992, 13.4391,
52.2526

■ 71.4802, 88.8096,
64.4140

■ 25.0022, 12.1150,
52.0602

■ 72.4694, 89.3195,
64.4603

■ 24.0717, 11.2846,
51.9489

■ 73.4802, 89.8406,
64.5076

■ 74.5128, 90.3729,
64.5560

Harmonies

Analogous

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



38.6248, 37.9025, 64.1968



41.9525, 37.9025, 56.1437



43.7272, 37.9025, 44.8949

Triad

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



41.9525, 37.9025, 56.1437



37.2698, 37.9025, 23.8723



29.5918, 37.9025, 48.9778

Complementary

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



41.9525, 37.9025, 56.1437



40.1097, 48.6324, 38.2851

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.



29.2852, 37.9025, 37.8445



41.9525, 37.9025, 56.1437



33.5449, 37.9025, 24.5764

Square

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



41.9525, 37.9025, 56.1437



40.9008, 37.9025, 27.1563



30.6842, 37.9025, 29.2857



31.5533, 37.9025, 59.5808

Rectangle

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



41.9525, 37.9025, 56.1437



43.7114, 37.9025, 37.6309



30.6842, 37.9025, 29.2857



29.2974, 37.9025, 45.1351

Sweetspot

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



41.9537, 37.9041, 56.1445



87.3422, 88.0752, 104.8666



36.2034, 36.7588, 56.2265



18.9990, 19.0660, 22.9287



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.



41.9537, 37.9041, 56.1445



72.9339, 63.4978, 100.8821



42.3780, 38.2765, 49.2221



10.3143, 10.1532, 12.7010



15.8892, 7.4516, 34.1575



0.7339, 0.3464, 1.4781

Inverse Universe

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



40.4923, 37.5222, 39.2923



69.8755, 62.7175, 64.7583



39.8181, 48.3561, 43.9656



10.1454, 10.1068, 10.8561



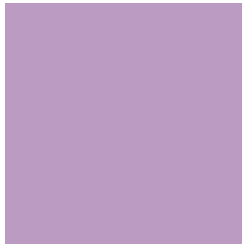
14.8472, 7.6286, 1.8416



0.6646, 0.3389, 0.2012

Previews

White Background



This preview shows how the XYZ color 41.9525, 37.9025, 56.1437 looks on a white background.

Color Contrast Check

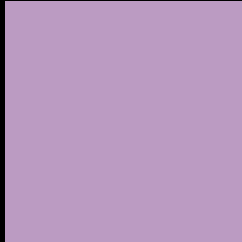
Large Text (above 18pt) WCAG AA × Fail

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 41.9525, 37.9025, 56.1437 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 41.9525, 37.9025, 56.1437

Background



This preview shows how black text looks on a background with the XYZ color 41.9525, 37.9025, 56.1437.



This preview shows how white text looks on a background with the XYZ color 41.9525, 37.9025,

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

41.9525, 37.9025, 56.1437

Protanopia

37.8013, 37.9902, 59.9841

Deuteranopia

38.9082, 38.1259, 55.7604



Tritanopia

39.5160, 37.9269, 43.7660

Trichromacy



Original Color

41.9525, 37.9025, 56.1437

Protanomaly

39.3001, 38.0020, 58.6899

Deuteranomaly

39.9283, 37.8766, 55.6586

Tritanomaly

40.3711, 38.0227, 47.8591

Monochromacy



Original Color

41.9525, 37.9025, 56.1437

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.2158, 38.9954, 47.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9525, 37.9025, 56.1437 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(187, 155, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 155, 194)  
}
```

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(187, 155, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 155, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.9525, 37.9025, 56.1437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

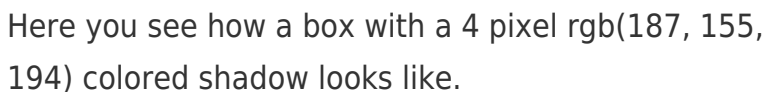
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 155, 194) }
```


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

```
.border{ border-color:rgb(187, 155, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 155, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 155, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 155, 194); box-shadow:4px 4px 4px 4px rgb(187, 155, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9525, 37.9025, 56.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 155, 194) }
```

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

```
.background{ background-color: rgb(187,  
155, 194) }
```

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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