

Converting Colors

XYZ(42.5514, 38.5342, 63.9386)

Have a look what the booklet for
XYZ(42.5514, 38.5342, 63.9386)
contains.

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Color

**XYZ(42.6109, 38.5640,
64.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	B69DCF
RGB	182, 157, 207
RGB Percent	71%, 62%, 81%
CMY	0.2863, 0.3843, 0.1882
CMYK	0.12, 0.24, 0.00, 0.19
HSL	270°, 34%, 71%
HSV	270°, 24%, 81%
XYZ	42.6109, 38.5640, 64.2292
YIQ	170.1750, -1.1500, 20.8500

Conversions

Conversions Part 2

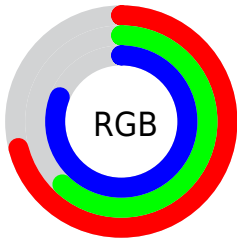
Format	Color
RYB	182, 157, 207
Decimal	11967951
CIELab	68.43, 18.73, -22.16
CIElCh	68, 29.016, 310.215
Yxy	38.5640, 0.2931, 0.2652
Android (android.graphics.Color)	4290158031 (0xFFB69DCF)
YUV	170.1750, 18.1547, 10.3705
Hunter-Lab	62.0999, 13.8059, -17.8530

Details

The XYZ color **42.6109, 38.5640, 64.2292** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.6912, 57.0059, 40.3896**, and the grayscale version is **38.2095, 40.1993, 43.7771**.

A 20% lighter version of the original color is **76.8534, 72.4841, 104.5480**, and **19.9571, 17.2751, 32.4196** is the 20% darker color. If you saturate the color by 10%, you get **37.0466, 30.9304, 63.0496**, and if you desaturate by 10%, it is **48.9517, 47.4806, 65.6167**.

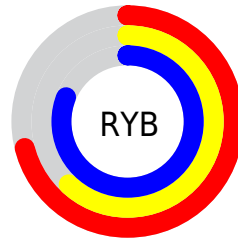
Distribution



Red (71%)

Green (62%)

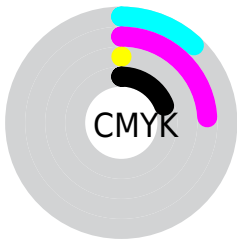
Blue (81%)



Red (71%)

Yellow (62%)

Blue (81%)

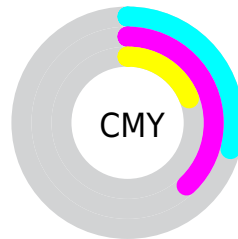


Cyan (12%)

Magenta (24%)

Yellow (0%)

Black (19%)



Cyan (29%)

Magenta (38%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6109, 38.5640, 64.2292 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 42.6109, 38.5640, 64.2292 by changing the saturation by 10% instead.

■ 42.6109, 38.5640,
64.2292

■ 42.6109, 38.5640,
64.2292

347.9578,
340.0332, 458.2470

■ 29.7731, 26.4207,
46.3890

■ 78.3827, 72.9718,
112.5436

■ 19.8137, 17.1386,
32.2020

■ 102.0475, 96.0051,
143.8548

■ 12.3671, 10.3334,
21.2497

130.0520,
123.4372, 180.4935

■ 7.0682, 5.6206,
13.1137

162.7616,
155.6524, 222.8781

■ 3.5515, 2.6158,
7.3752

200.5416,
193.0353, 271.4272

■ 1.4517, 0.9346,
3.6159

243.7575,

■ 0.2926, 0.0000,

235.9701, 326.5594

1.4171

292.7744,
284.8413, 388.6932

■ 0.0000, 0.0000,
0.1550

■ 0.0000, 0.0000,
0.0000

■ 42.6109, 38.5640,
64.2292

■ 42.6109, 38.5640,
64.2292

■ 37.0466, 30.9304,
63.0496

■ 48.9517, 47.4806,
65.6167

■ 32.2213, 24.5131,
62.0653

■ 56.0968, 57.7329,
67.2190

■ 28.0997, 19.2468,
61.2660

■ 64.0771, 69.3764,
69.0458

■ 24.6419, 15.0577,
60.6397

■ 72.9207, 82.4620,
71.1055

■ 21.8033, 11.8631,
60.1727

■ 80.8732, 93.4756,
72.8122

■ 19.5331, 9.5679,
59.8493

■ 84.3665, 95.2765,
72.9757

■ 17.7700, 8.0568,
59.6506

■ 88.0616, 97.1814,
73.1486

■ 16.9136, 7.4182,
59.5725

■ 88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



38.2309, 38.5640, 71.8640



42.6109, 38.5640, 64.2292



45.5379, 38.5640, 51.0747

Triad

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



42.6109, 38.5640, 64.2292



39.7022, 38.5640, 22.5177



28.6851, 38.5640, 46.6018

Complementary

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



42.6109, 38.5640, 64.2292



47.6912, 57.0059, 40.3896

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.



29.0078, 38.5640, 34.0514



42.6109, 38.5640, 64.2292



35.1210, 38.5640, 21.8097

Square

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



42.6109, 38.5640, 64.2292



43.7645, 38.5640, 27.7750



31.2797, 38.5640, 25.5866



30.3585, 38.5640, 60.3769

Rectangle

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



42.6109, 38.5640, 64.2292



46.1385, 38.5640, 41.8953



31.2797, 38.5640, 25.5866



28.5673, 38.5640, 42.0841

Sweetspot

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



42.6121, 38.5656, 64.2301



86.4100, 87.4817, 106.9391



42.0676, 45.4727, 65.5920



18.3425, 18.5048, 22.8550



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.



42.6121, 38.5656, 64.2301



63.5049, 55.1973, 101.9148



48.8204, 41.7661, 64.5206



11.7188, 11.7039, 14.8851



10.7654, 4.7301, 37.5381



0.6935, 0.3117, 2.1032

Inverse Universe

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



46.2337, 40.7583, 49.6877



70.4322, 59.3914, 74.0985



42.4677, 54.3131, 40.1452



12.0517, 11.9054, 13.5482



17.8185, 9.0003, 9.2165



1.0364, 0.5193, 0.7263

Previews

White Background



This preview shows how the XYZ color 42.6109, 38.5640, 64.2292 looks on a white background.

Color Contrast Check

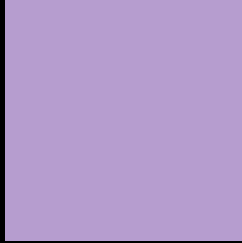
Large Text (above 18pt) WCAG AA × Fail

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 42.6109, 38.5640, 64.2292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

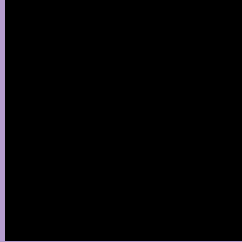
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6109, 38.5640, 64.2292

Background



This preview shows how black text looks on a background with the XYZ color 42.6109, 38.5640, 64.2292.



This preview shows how white text looks on a background with the XYZ color 42.6109, 38.5640,

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

42.6109, 38.5640, 64.2292

Protanopia

38.9829, 38.6829, 68.3627

Deuteranopia

39.7259, 38.8997, 63.8071



Tritanopia

39.0651, 38.6761, 46.4806

Trichromacy



Original Color

42.6109, 38.5640, 64.2292

Protanomaly

40.1953, 38.5431, 66.9491

Deuteranomaly

40.6800, 38.6039, 63.6997

Tritanomaly

40.3049, 38.6613, 52.3518

Monochromacy



Original Color

42.6109, 38.5640, 64.2292

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4579, 39.3278, 50.3111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6109, 38.5640, 64.2292 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, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 157, 207)  
}
```

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, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 157, 207) }
```

Border

The CSS property to change the border of an element to XYZ 42.6109, 38.5640, 64.2292 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, 157, 207) }
```


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

```
.border{ border-color:rgb(182, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 157,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6109, 38.5640, 64.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 157, 207) }
```

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

```
.background{ background-color: rgb(182,  
157, 207) }
```

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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