

Converting Colors

XYZ(42.1401, 40.4176, 56.1910)

Have a look what the booklet for
XYZ(42.1401, 40.4176, 56.1910)
contains.

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Color

**XYZ(41.9572, 40.2249,
56.0049)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A4C1
RGB	181, 164, 193
RGB Percent	71%, 64%, 76%
CMY	0.2902, 0.3568, 0.2431
CMYK	0.06, 0.15, 0.00, 0.24
HSL	275°, 19%, 70%
HSV	275°, 15%, 76%
XYZ	41.9572, 40.2249, 56.0049
YIQ	172.3890, 0.8230, 12.6230

Conversions

Conversions Part 2

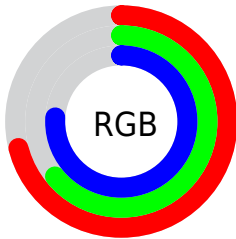
Format	Color
R _Y B	181, 164, 193
Decimal	11904193
CIE Lab	69.63, 11.62, -12.61
CIE LCh	70, 17.144, 312.655
Yxy	40.2249, 0.3036, 0.2911
Android (android.graphics.Color)	4290094273 (0xFFB5A4C1)
YUV	172.3890, 10.1612, 7.5518
Hunter-Lab	63.4231, 7.0952, -7.9590

Details

The XYZ color **41.9572, 40.2249, 56.0049** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.6766, 50.0514, 42.4827**, and the grayscale version is **39.3606, 41.4104, 45.0959**.

A 20% lighter version of the original color is **77.3555, 75.5071, 100.1198**, and **19.3565, 18.0416, 26.8883** is the 20% darker color. If you saturate the color by 10%, you get **36.9429, 32.8967, 54.8553**, and if you desaturate by 10%, it is **47.6054, 48.6602, 57.3360**.

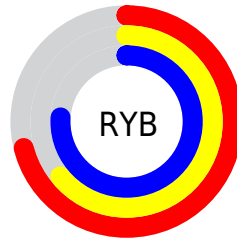
Distribution



Red (71%)

Green (64%)

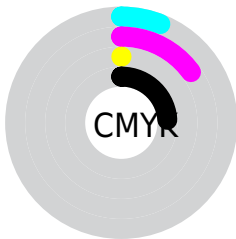
Blue (76%)



Red (71%)

Yellow (64%)

Blue (76%)

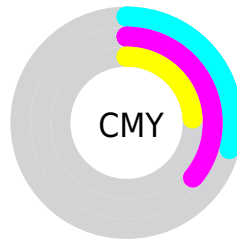


Cyan (6%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9572, 40.2249, 56.0049 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 41.9572, 40.2249, 56.0049 by changing the saturation by 10% instead.

■ 41.9572, 40.2249,
56.0049

■ 41.9572, 40.2249,
56.0049

345.3001,
347.0706, 427.0988

■ 29.2587, 27.7139,
39.8028

■ 77.4004, 75.5059,
100.4976

■ 19.4219, 18.1101,
27.0722

■ 100.8759, 99.0447,
129.6253

■ 12.0813, 11.0291,
17.3946

128.6744,
127.0282, 163.8987

■ 6.8717, 6.0864,
10.3513

161.1613,
159.8408, 203.7362

■ 3.4276, 2.8977,
5.5238

198.7020,
197.8670, 249.5564

■ 1.3837, 1.0786,
2.4937

241.6618,

■ 0.2446, 0.0000,

241.4911, 301.7779

0.8368

290.4060,
291.0975, 360.8192

■ 0.0000, 0.0000,
0.0000

■ 41.9572, 40.2249,
56.0049

■ 41.9572, 40.2249,
56.0049

■ 36.9429, 32.8967,
54.8553

■ 47.6054, 48.6602,
57.3360

■ 32.5336, 26.6224,
53.8766

■ 53.9077, 58.2424,
58.8534

■ 28.7033, 21.3521,
53.0612

■ 60.8878, 69.0157,
60.5649

■ 25.4227, 17.0297,
52.3999

■ 68.5671, 81.0203,
62.4773

■ 22.6592, 13.5935,
51.8823

■ 75.1846, 90.7322,
64.0031

■ 20.3770, 10.9741,
51.4970

■ 77.6737, 92.0153,
64.1196

■ 18.5342, 9.0915,
51.2307

■ 80.2800, 93.3589,
64.2416

■ 17.0808, 7.8483,
51.0673

■ 83.0050, 94.7638,
64.3691

■ 16.4533, 7.3700,
51.0081

■ 85.8504, 96.2306,
64.5023

Harmonies

Analogous

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



39.4116, 40.2249, 60.4355



41.9572, 40.2249, 56.0049



43.5466, 40.2249, 48.5061

Triad

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



41.9572, 40.2249, 56.0049



39.8429, 40.2249, 30.7889



33.2665, 40.2249, 47.2264

Complementary

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



41.9572, 40.2249, 56.0049



43.6766, 50.0514, 42.4827

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.



33.3694, 40.2249, 39.4050



41.9572, 40.2249, 56.0049



37.0773, 40.2249, 30.5341

Square

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



41.9572, 40.2249, 56.0049



42.2861, 40.2249, 34.2519



34.7351, 40.2249, 33.5079



34.4468, 40.2249, 54.9711

Rectangle

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



41.9572, 40.2249, 56.0049



43.8051, 40.2249, 43.0951



34.7351, 40.2249, 33.5079



33.1538, 40.2249, 44.5086

Sweetspot

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



41.9584, 40.2266, 56.0058



85.2031, 87.0629, 102.6744



40.4786, 42.8277, 56.5858



18.1172, 18.4343, 21.9886



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.9584, 40.2266, 56.0058



72.0988, 67.5558, 99.5999



44.6271, 41.6333, 54.7348



10.0813, 10.0331, 12.6901



11.0359, 4.9496, 33.9303



0.5537, 0.2535, 1.4696

Inverse Universe

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



43.1056, 41.0246, 46.7226



74.5914, 69.2854, 79.6307



41.3024, 48.8020, 43.5218



10.2422, 10.1455, 11.3658



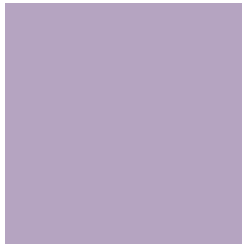
15.6250, 7.9398, 5.9375



0.7094, 0.3568, 0.4370

Previews

White Background



This preview shows how the XYZ color 41.9572, 40.2249, 56.0049 looks on a white background.

Color Contrast Check

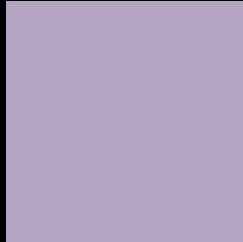
Large Text (above 18pt) WCAG AA × Fail

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 41.9572, 40.2249, 56.0049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

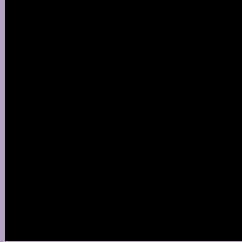
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9572, 40.2249, 56.0049

Background



This preview shows how black text looks on a background with the XYZ color 41.9572, 40.2249, 56.0049.



This preview shows how white text looks on a background with the XYZ color 41.9572, 40.2249,

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

41.9572, 40.2249, 56.0049

Protanopia

39.6688, 40.3608, 57.9242

Deuteranopia

41.1664, 40.3528, 56.0712



Tritanopia

40.3633, 40.1108, 48.2626

Trichromacy



Original Color

41.9572, 40.2249, 56.0049

Protanomaly

40.4636, 40.2355, 57.2633

Deuteranomaly

41.4409, 40.2255, 56.0322

Tritanomaly

40.9293, 40.0743, 50.9253

Monochromacy



Original Color

41.9572, 40.2249, 56.0049

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1054, 40.7852, 48.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9572, 40.2249, 56.0049 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(181, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 193)  
}
```

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(181, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.9572, 40.2249, 56.0049 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(181, 164, 193) }
```


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

```
.border{ border-color:rgb(181, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9572, 40.2249, 56.0049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 193) }
```

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

```
.background{ background-color: rgb(181,  
164, 193) }
```

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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