

Converting Colors

XYZ(42.7509, 40.3951, 54.8340)

Have a look what the booklet for
XYZ(42.7509, 40.3951, 54.8340)
contains.

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Color

**XYZ(42.7509, 40.3951,
54.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA3BF
RGB	186, 163, 191
RGB Percent	73%, 64%, 75%
CMY	0.2706, 0.3608, 0.2510
CMYK	0.03, 0.15, 0.00, 0.25
HSL	289°, 18%, 69%
HSV	289°, 15%, 75%
XYZ	42.7509, 40.3951, 54.8340
YIQ	173.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

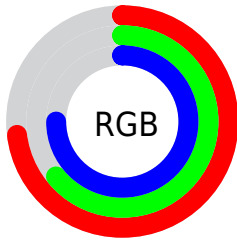
Format	Color
R_{YB}	186, 163, 191
Decimal	12231615
CIE _{Lab}	69.75, 13.48, -11.28
CIE _{LCh}	70, 17.576, 320.092
Yxy	40.3951, 0.3098, 0.2928
Android (android.graphics.Color)	4290421695 (0xFFBAA3BF)
YUV	173.0690, 8.8400, 11.3405
Hunter-Lab	63.5571, 8.8408, -6.6625

Details

The XYZ color **42.7509, 40.3951, 54.8340** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.3915, 48.2318, 41.7804**, and the grayscale version is **39.7114, 41.7794, 45.4978**.

A 20% lighter version of the original color is **78.4779, 75.7355, 98.4779**, and **19.9448, 18.1904, 26.5047** is the 20% darker color. If you saturate the color by 10%, you get **38.7941, 33.6963, 53.7502**, and if you desaturate by 10%, it is **47.2421, 48.1319, 56.0913**.

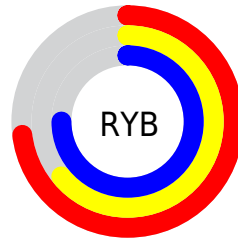
Distribution



Red (73%)

Green (64%)

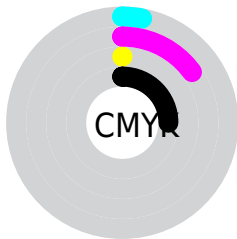
Blue (75%)



Red (73%)

Yellow (64%)

Blue (75%)

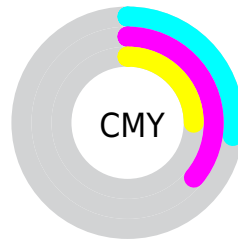


Cyan (3%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7509, 40.3951, 54.8340 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 42.7509, 40.3951, 54.8340 by changing the saturation by 10% instead.

■ 42.7509, 40.3951,
54.8340

■ 42.7509, 40.3951,
54.8340

348.5252,
347.7861, 422.5466

■ 29.8834, 27.8467,
38.8711

■ 78.5929, 75.7648,
98.7664

■ 19.8977, 18.2102,
26.3524

■ 102.2981, 99.3549,
127.5730

■ 12.4286, 11.1010,
16.8594

130.3465,
127.3944, 161.4980

■ 7.1105, 6.1348,
9.9734

163.1036,
160.2676, 200.9598

■ 3.5783, 2.9272,
5.2759

200.9346,
198.3590, 246.3770

■ 1.4664, 1.0939,
2.3485

244.2050,

■ 0.3028, 0.0000,

242.0529, 298.1682

0.7582

293.2801,
291.7338, 356.7519

■ 0.0000, 0.0000,
0.0000

■ 42.7509, 40.3951,
54.8340

■ 42.7509, 40.3951,
54.8340

■ 38.7941, 33.6963,
53.7502

■ 47.2421, 48.1319,
56.0913

■ 35.3450, 27.9845,
52.8294

■ 52.2857, 56.9445,
57.5264

■ 32.3800, 23.2120,
52.0645

■ 57.9031, 66.8752,
59.1472

■ 29.8723, 19.3253,
51.4465

■ 64.1138, 77.9623,
60.9599

■ 27.7923, 16.2653,
50.9655

■ 69.8078, 87.9859,
62.5945

■ 26.1066, 13.9657,
50.6105

■ 70.7473, 88.4703,
62.6385

■ 24.7769, 12.3499,
50.3687

■ 71.7074, 88.9652,
62.6834

■ 23.7565, 11.3250,
50.2246

■ 72.6882, 89.4708,
62.7293

■ 23.2879, 10.9190,
50.1710

■ 73.6898, 89.9872,
62.7762

Harmonies

Analogous

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



40.3068, 40.3951, 60.4209



42.7509, 40.3951, 54.8340



44.0465, 40.3951, 46.7380

Triad

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



42.7509, 40.3951, 54.8340



39.3445, 40.3951, 30.2700



33.4768, 40.3951, 49.5953

Complementary

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



42.7509, 40.3951, 54.8340



41.3915, 48.2318, 41.7804

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.



33.2476, 40.3951, 41.3392



42.7509, 40.3951, 54.8340



36.5433, 40.3951, 30.8353

Square

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



42.7509, 40.3951, 54.8340



42.0165, 40.3951, 33.0147



34.3443, 40.3951, 34.6678



34.9865, 40.3951, 57.1467

Rectangle

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



42.7509, 40.3951, 54.8340



44.0432, 40.3951, 41.2915



34.3443, 40.3951, 34.6678



33.2504, 40.3951, 46.7899

Sweetspot

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



42.7521, 40.3968, 54.8349



85.1190, 87.0873, 100.6024



38.5372, 39.6045, 54.9041



18.5482, 18.8751, 22.0510



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.



42.7521, 40.3968, 54.8349



73.8893, 67.7876, 97.4691



43.0416, 40.6554, 49.9081



9.7583, 9.6078, 12.0124



15.3658, 7.2074, 32.9742



0.6463, 0.3052, 1.2937

Inverse Universe

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



41.6523, 40.0997, 42.5923



71.5264, 67.1601, 70.6753



41.1701, 48.0226, 46.0636



9.5979, 9.5634, 10.2714



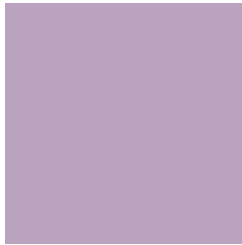
14.3326, 7.3642, 1.7793



0.5830, 0.2971, 0.1835

Previews

White Background



This preview shows how the XYZ color 42.7509, 40.3951, 54.8340 looks on a white background.

Color Contrast Check

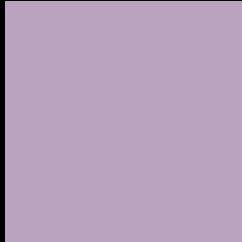
Large Text (above 18pt) WCAG AA × Fail

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 42.7509, 40.3951, 54.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

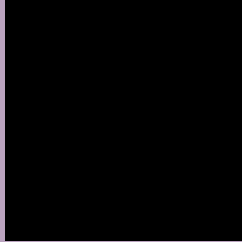
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7509, 40.3951, 54.8340

Background



This preview shows how black text looks on a background with the XYZ color 42.7509, 40.3951, 54.8340.



This preview shows how white text looks on a background with the XYZ color 42.7509, 40.3951,

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

42.7509, 40.3951, 54.8340

Protanopia

39.7642, 40.4231, 57.3364

Deuteranopia

41.2906, 40.4551, 54.3476



Tritanopia

41.2582, 40.3150, 47.7265

Trichromacy



Original Color

42.7509, 40.3951, 54.8340

Protanomaly

40.7899, 40.4167, 56.6903

Deuteranomaly

41.8055, 40.4517, 54.3198

Tritanomaly

41.8303, 40.2841, 50.3707

Monochromacy



Original Color

42.7509, 40.3951, 54.8340

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.7863, 41.1362, 48.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7509, 40.3951, 54.8340 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(186, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 191)  
}
```

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(186, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 191) }
```

Border

The CSS property to change the border of an element to XYZ 42.7509, 40.3951, 54.8340 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(186, 163, 191) }
```


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

```
.border{ border-color:rgb(186, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7509, 40.3951, 54.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 191) }
```

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

```
.background{ background-color: rgb(186,  
163, 191) }
```

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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