

Converting Colors

XYZ(44.4081, 42.6609, 59.6798)

Have a look what the booklet for
XYZ(44.4081, 42.6609, 59.6798)
contains.

XYZ(44.5044, 42.8137, 59.9511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.5044, 42.8137,
59.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A9C7
RGB	185, 169, 199
RGB Percent	73%, 66%, 78%
CMY	0.2745, 0.3372, 0.2196
CMYK	0.07, 0.15, 0.00, 0.22
HSL	272°, 21%, 72%
HSV	272°, 15%, 78%
XYZ	44.5044, 42.8137, 59.9511
YIQ	177.2040, -0.0940, 12.7220

Conversions

Conversions Part 2

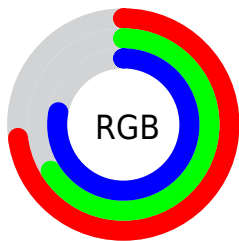
Format	Color
R _Y B	185, 169, 199
Decimal	12167623
CIE Lab	71.43, 11.42, -13.19
CIE LCh	71, 17.441, 310.885
Yxy	42.8137, 0.3022, 0.2907
Android (android.graphics.Color)	4290357703 (0xFFB9A9C7)
YUV	177.2040, 10.7454, 6.8371
Hunter-Lab	65.4322, 6.9024, -8.5209

Details

The XYZ color **44.5044, 42.8137, 59.9511** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1147, 53.7798, 45.4354**, and the grayscale version is **41.8435, 44.0227, 47.9407**.

A 20% lighter version of the original color is **80.9813, 79.2321, 105.6329**, and **20.9878, 19.6724, 29.4790** is the 20% darker color. If you saturate the color by 10%, you get **38.9129, 34.8482, 58.7090**, and if you desaturate by 10%, it is **50.8083, 51.9851, 61.3898**.

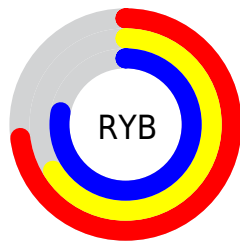
Distribution



Red (73%)

Green (66%)

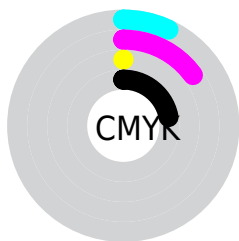
Blue (78%)



Red (73%)

Yellow (66%)

Blue (78%)

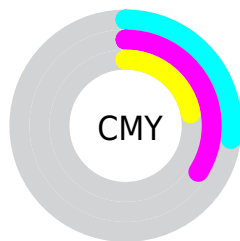


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5044, 42.8137, 59.9511 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 44.5044, 42.8137, 59.9511 by changing the saturation by 10% instead.

■ 44.5044, 42.8137,
59.9511

■ 44.5044, 42.8137,
59.9511

355.5802,
357.8451, 442.2171

■ 31.2669, 29.7390,
42.9542

■ 81.2179, 79.4297,
106.3014

■ 20.9550, 19.6405,
29.5180

■ 105.4245,
103.7397, 136.4919

■ 13.2034, 12.1340,
19.2241

134.0182,
132.5636, 171.9173

■ 7.6467, 6.8350,
11.6539

167.3643,
166.2857, 212.9961

■ 3.9196, 3.3591,
6.3888

205.8282,
205.2906, 260.1470

■ 1.6568, 1.3220,
3.0103

249.7753,

■ 0.4290, 0.1581,

249.9625, 313.7885

1.0999

299.5708,
300.6858, 374.3390

■ 0.0000, 0.0000,
0.0000

■ 44.5044, 42.8137,
59.9511

■ 44.5044, 42.8137,
59.9511

■ 38.9129, 34.8482,
58.7090

■ 50.8083, 51.9851,
61.3898

■ 34.0018, 28.0311,
57.6520

■ 57.8472, 62.4060,
63.0302

■ 29.7421, 22.3080,
56.7718

■ 65.6474, 74.1244,
64.8810

■ 26.1013, 17.6179,
56.0584

■ 74.2327, 87.1840,
66.9492

■ 23.0434, 13.8937,
55.5008

■ 79.1653, 92.7054,
67.7550

■ 20.5284, 11.0600,
55.0864

■ 82.2505, 94.2959,
67.8994

■ 18.5104, 9.0297,
54.8008

■ 85.4974, 95.9697,
68.0513

■ 16.9339, 7.6968,
54.6266

■ 87.3089, 96.9036,
68.1361

■ 16.2683, 7.1957,
54.5650

Harmonies

Analogous

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



41.7694, 42.8137, 64.3802



44.5044, 42.8137, 59.9511



46.2683, 42.8137, 52.1187

Triad

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



44.5044, 42.8137, 59.9511



42.5714, 42.8137, 32.9386



35.3933, 42.8137, 49.7397

Complementary

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



44.5044, 42.8137, 59.9511



47.1147, 53.7798, 45.4354

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.



35.5848, 42.8137, 41.5165



44.5044, 42.8137, 59.9511



39.6355, 42.8137, 32.4642

Square

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



44.5044, 42.8137, 59.9511



45.1157, 42.8137, 36.8076



37.1059, 42.8137, 35.4227



36.5694, 42.8137, 58.0303

Rectangle

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



44.5044, 42.8137, 59.9511



46.6078, 42.8137, 46.3673



37.1059, 42.8137, 35.4227



35.3013, 42.8137, 46.8673

Sweetspot

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



44.5057, 42.8155, 59.9520



88.9613, 91.0221, 107.4880



43.7093, 46.6337, 60.7310



18.8639, 19.2221, 22.9660



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.



44.5057, 42.8155, 59.9520



74.6687, 70.2913, 104.2399



47.9932, 44.6201, 59.8127



10.5877, 10.5613, 13.3980



10.5627, 4.6795, 35.0909



0.5832, 0.2644, 1.6654

Inverse Universe

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



46.2898, 43.9387, 50.8428



78.4212, 72.6525, 85.1370



43.9956, 52.1664, 45.5349



10.8364, 10.7179, 12.1217



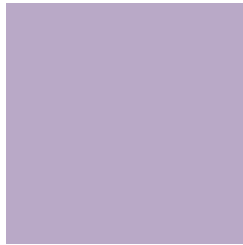
16.4554, 8.3317, 7.6081



0.8157, 0.4091, 0.5525

Previews

White Background



This preview shows how the XYZ color 44.5044, 42.8137, 59.9511 looks on a white background.

Color Contrast Check

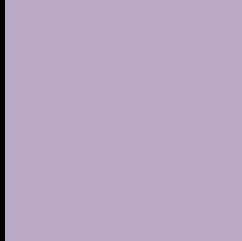
Large Text (above 18pt) WCAG AA × Fail

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 44.5044, 42.8137, 59.9511 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 44.5044, 42.8137, 59.9511

Background



This preview shows how black text looks on a background with the XYZ color 44.5044, 42.8137, 59.9511.



This preview shows how white text looks on a background with the XYZ color 44.5044, 42.8137,

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

44.5044, 42.8137, 59.9511

Protanopia

42.3743, 43.0824, 61.9595

Deuteranopia

43.7396, 42.6967, 59.9688



Tritanopia

42.8483, 42.6959, 51.8817

Trichromacy



Original Color

44.5044, 42.8137, 59.9511

Protanomaly

42.9743, 42.8361, 61.2615

Deuteranomaly

43.9749, 42.8181, 59.9798

Tritanomaly

43.4362, 42.6575, 54.6596

Monochromacy



Original Color

44.5044, 42.8137, 59.9511

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7154, 43.4782, 52.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5044, 42.8137, 59.9511 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(185, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 199)  
}
```

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(185, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 199) }
```

Border

The CSS property to change the border of an element to XYZ 44.5044, 42.8137, 59.9511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

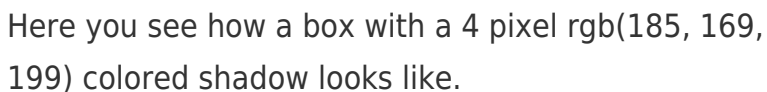
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 169, 199) }
```


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

```
.border{ border-color:rgb(185, 169, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 169, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5044, 42.8137, 59.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 199) }
```

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

```
.background{ background-color: rgb(185,  
169, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor