

Converting Colors

XYZ(44.7547, 43.5549, 69.7563)

Have a look what the booklet for
XYZ(44.7547, 43.5549, 69.7563)
contains.

XYZ(44.7946, 43.5902, 69.6711)	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(44.7946, 43.5902,
69.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ACD6
RGB	176, 172, 214
RGB Percent	69%, 67%, 84%
CMY	0.3098, 0.3255, 0.1608
CMYK	0.18, 0.20, 0.00, 0.16
HSL	246°, 34%, 76%
HSV	246°, 20%, 84%
XYZ	44.7946, 43.5902, 69.6711
YIQ	177.9840, -11.0980, 13.9100

Conversions

Conversions Part 2

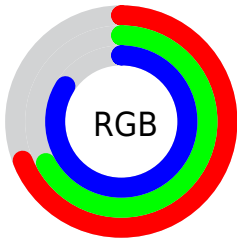
Format	Color
R _Y B	176, 172, 214
Decimal	11578582
CIE Lab	71.95, 9.99, -20.70
CIE LCh	72, 22.985, 295.771
Yxy	43.5902, 0.2834, 0.2758
Android (android.graphics.Color)	4289768662 (0xFFB0ACD6)
YUV	177.9840, 17.7559, -1.7400
Hunter-Lab	66.0229, 5.5670, -16.3502

Details

The XYZ color **44.7946, 43.5902, 69.6711** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.0727, 64.7744, 48.4737**, and the grayscale version is **42.2229, 44.4217, 48.3753**.

A 20% lighter version of the original color is **78.7978, 79.3140, 105.7638**, and **21.1429, 20.1471, 35.5753** is the 20% darker color. If you saturate the color by 10%, you get **36.9750, 33.9929, 68.2315**, and if you desaturate by 10%, it is **53.8972, 54.8247, 71.3605**.

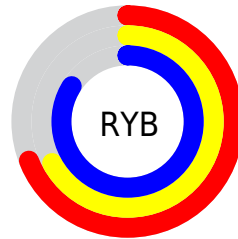
Distribution



Red (69%)

Green (67%)

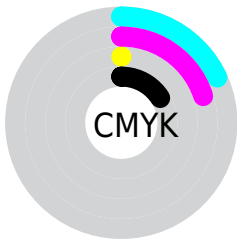
Blue (84%)



Red (69%)

Yellow (67%)

Blue (84%)

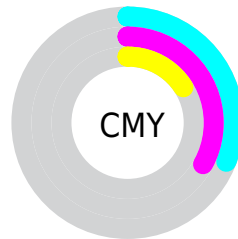


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7946, 43.5902, 69.6711 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 44.7946, 43.5902, 69.6711 by changing the saturation by 10% instead.

■ 44.7946, 43.5902,
69.6711

■ 44.7946, 43.5902,
69.6711

356.7388,
361.0334, 478.1522

■ 31.4963, 30.3485,
50.7833

■ 81.6511, 80.6007,
120.4163

■ 21.1307, 20.1032,
35.6606

105.9399,
105.1383, 153.1108

■ 13.3326, 12.4701,
23.8846

134.6229,
134.2100, 191.2446

■ 7.7365, 7.0647,
15.0366

168.0656,
168.2002, 235.2363

■ 3.9772, 3.5026,
8.6982

206.6331,
207.4932, 285.5043

■ 1.6892, 1.3994,
4.4507

250.6909,

■ 0.4495, 0.2163,

252.4734, 342.4673

1.8757

300.6043,
303.5254, 406.5438

■ 0.0000, 0.0000,
0.4772

■ 0.0000, 0.0000,
0.0000

■ 44.7946, 43.5902,
69.6711

■ 44.7946, 43.5902,
69.6711

■ 36.9750, 33.9929,
68.2315

■ 53.8972, 54.8247,
71.3605

■ 30.3768, 25.9511,
67.0270

■ 64.3327, 67.7622,
73.3077

■ 24.9391, 19.3844,
66.0461

■ 76.1534, 82.4714,
75.5238

■ 20.5945, 14.2027,
65.2749

■ 88.5710, 97.3429,
77.7399

■ 17.2683, 10.3064,
64.6982

■ 89.1377, 97.6351,
77.7664

■ 14.8766, 7.5823,
64.2984

■ 13.3217, 5.8972,
64.0551

■ 12.4578, 5.0330,
63.9339

■ 12.4339, 5.0078,
63.9302

Harmonies

Analogous

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



40.8779, 43.5902, 72.4026



44.7946, 43.5902, 69.6711



47.9792, 43.5902, 60.6667

Triad

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



44.7946, 43.5902, 69.6711



45.8163, 43.5902, 31.7614



34.3612, 43.5902, 45.8884

Complementary

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



44.7946, 43.5902, 69.6711



58.0727, 64.7744, 48.4737

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.



35.5078, 43.5902, 36.3281



44.7946, 43.5902, 69.6711



41.9894, 43.5902, 29.0288

Square

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



44.7946, 43.5902, 69.6711



48.5947, 43.5902, 38.6840



38.2405, 43.5902, 30.5592



35.0087, 43.5902, 57.4773

Rectangle

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



44.7946, 43.5902, 69.6711



49.1734, 43.5902, 52.9673



38.2405, 43.5902, 30.5592



34.5475, 43.5902, 42.3526

Sweetspot

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



44.7960, 43.5920, 69.6721



85.4509, 88.0920, 107.1075



52.3224, 59.9673, 72.4361



18.0760, 18.5901, 22.8855



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.



44.7960, 43.5920, 69.6721



61.0170, 57.9426, 102.5758



49.7868, 46.1649, 69.9056



11.8512, 12.0647, 15.6416



7.5546, 3.0471, 38.6431



0.4942, 0.2036, 2.3326

Inverse Universe

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



54.1183, 48.4561, 67.4752



77.6133, 66.6050, 98.5300



52.6048, 61.9556, 48.2178



12.8997, 12.6114, 15.4120



22.6435, 10.9937, 31.7564



1.3809, 0.6692, 1.9953

Previews

White Background



This preview shows how the XYZ color 44.7946, 43.5902, 69.6711 looks on a white background.

Color Contrast Check

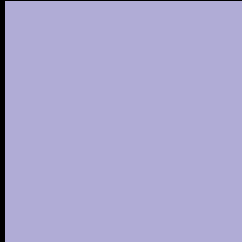
Large Text (above 18pt) WCAG AA × Fail

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 44.7946, 43.5902, 69.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

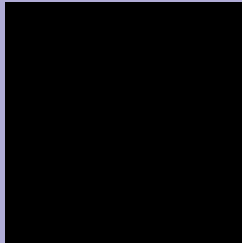
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7946, 43.5902, 69.6711

Background



This preview shows how black text looks on a background with the XYZ color 44.7946, 43.5902, 69.6711.



This preview shows how white text looks on a background with the XYZ color 44.7946, 43.5902,

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

44.7946, 43.5902, 69.6711

Protanopia

43.6610, 43.8333, 71.1252

Deuteranopia

44.5693, 43.4740, 69.6606



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

44.7946, 43.5902, 69.6711

Protanomaly

43.9794, 43.7244, 70.4117

Deuteranomaly

44.5693, 43.4740, 69.6606

Tritanomaly

42.8724, 43.6677, 60.2019

Monochromacy



Original Color

44.7946, 43.5902, 69.6711

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.0608, 44.1594, 55.5443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7946, 43.5902, 69.6711 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(176, 172, 214)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 214)  
}
```

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(176, 172, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 214) }
```

Border

The CSS property to change the border of an element to XYZ 44.7946, 43.5902, 69.6711 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(176, 172, 214) }
```


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

```
.border{ border-color:rgb(176, 172, 214) }
```

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

Here you see how a box with a 4 pixel rgb(176, 172, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 214);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7946, 43.5902, 69.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 214) }
```

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

```
.background{ background-color: rgb(176,  
172, 214) }
```

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