

Converting Colors

XYZ(44.5156, 44.1449, 63.9322)

Have a look what the booklet for
XYZ(44.5156, 44.1449, 63.9322)
contains.

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Color

**XYZ(44.5156, 44.1449,
63.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AECD
RGB	178, 174, 205
RGB Percent	70%, 68%, 80%
CMY	0.3020, 0.3176, 0.1961
CMYK	0.13, 0.15, 0.00, 0.20
HSL	248°, 24%, 74%
HSV	248°, 15%, 80%
XYZ	44.5156, 44.1449, 63.9322
YIQ	178.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

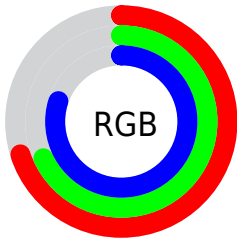
Format	Color
R _Y B	178, 174, 205
Decimal	11710157
CIE Lab	72.33, 7.58, -15.19
CIE LCh	72, 16.977, 296.527
Yxy	44.1449, 0.2917, 0.2893
Android (android.graphics.Color)	4289900237 (0xFFB2AECB)
YUV	178.7300, 12.9511, -0.6402
Hunter-Lab	66.4416, 3.3214, -10.5415

Details

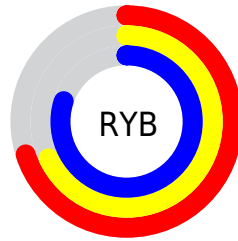
The XYZ color **44.5156, 44.1449, 63.9322** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5603, 59.1373, 48.6382**, and the grayscale version is **42.6414, 44.8620, 48.8548**.

A 20% lighter version of the original color is **80.0010, 80.7510, 105.9777**, and **21.0029, 20.5134, 32.1307** is the 20% darker color. If you saturate the color by 10%, you get **37.0198, 34.8443, 62.5328**, and if you desaturate by 10%, it is **53.1518, 54.9330, 65.5600**.

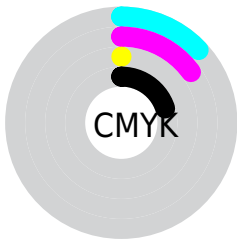
Distribution



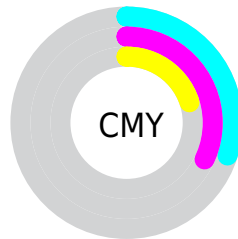
- Red (70%)
- Green (68%)
- Blue (80%)



- Red (70%)
- Yellow (68%)
- Blue (80%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5156, 44.1449, 63.9322 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 44.5156, 44.1449, 63.9322 by changing the saturation by 10% instead.

■ 44.5156, 44.1449,
63.9322

■ 44.5156, 44.1449,
63.9322

355.6250,
363.2992, 457.1455

■ 31.2757, 30.7844,
46.1499

■ 81.2346, 81.4357,
112.1118

■ 20.9617, 20.4348,
32.0146

105.4444,
106.1349, 143.3462

■ 13.2083, 12.7115,
21.1078

134.0415,
135.3824, 179.9018

■ 7.6502, 7.2302,
13.0108

167.3914,
169.5627, 222.1970

■ 3.9218, 3.6065,
7.3052

205.8593,
209.0601, 270.6505

■ 1.6580, 1.4560,
3.5723

249.8106,

■ 0.4298, 0.2574,

254.2591, 325.6807

1.3938

299.6107,
305.5440, 387.7062

■ 0.0000, 0.0000,
0.1369

■ 0.0000, 0.0000,
0.0000

■ 44.5156, 44.1449,
63.9322

■ 44.5156, 44.1449,
63.9322

■ 37.0198, 34.8443,
62.5328

■ 53.1518, 54.9330,
65.5600

■ 30.6127, 26.9604,
61.3487

■ 62.9694, 67.2641,
67.4227

■ 25.2444, 20.4251,
60.3702

■ 74.0120, 81.1978,
69.5302

■ 20.8597, 15.1624,
59.5855

■ 85.9988, 96.1461,
71.7837

■ 17.3980, 11.0887,
58.9817

■ 88.0196, 97.1878,
71.8783

■ 14.7921, 8.1103,
58.5441

■ 12.9653, 6.1192,
58.2561

■ 11.8265, 4.9850,
58.0972

■ 11.4569, 4.6333,
58.0488

Harmonies

Analogous

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



41.6192, 44.1449, 65.9644



44.5156, 44.1449, 63.9322



46.8169, 44.1449, 57.4893

Triad

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



44.5156, 44.1449, 63.9322



45.1311, 44.1449, 35.8651



36.6012, 44.1449, 47.0989

Complementary

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



44.5156, 44.1449, 63.9322



53.5603, 59.1373, 48.6382

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.



37.4482, 44.1449, 39.7337



44.5156, 44.1449, 63.9322



42.2994, 44.1449, 33.7394

Square

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



44.5156, 44.1449, 63.9322



47.1838, 44.1449, 41.2382



39.5011, 44.1449, 35.0698



37.1338, 44.1449, 55.6094

Rectangle

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



44.5156, 44.1449, 63.9322



47.6573, 44.1449, 51.9100



39.5011, 44.1449, 35.0698



36.7330, 44.1449, 44.4172

Sweetspot

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



44.5169, 44.1467, 63.9332



87.1482, 90.0874, 107.4031



49.4525, 55.3599, 65.8374



18.4242, 18.9954, 22.9454



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.



44.5169, 44.1467, 63.9332



68.9051, 67.3201, 103.9701



48.1791, 46.0346, 64.1046



10.7340, 10.9122, 14.1109



7.1773, 2.9076, 36.1392



0.4156, 0.1734, 1.8665

Inverse Universe

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



50.8570, 47.4702, 61.7427



81.1764, 73.7546, 99.6459



49.6941, 57.1442, 48.4573



11.6229, 11.3779, 13.8146



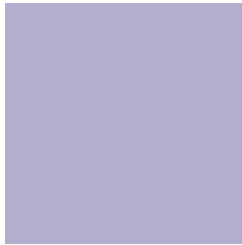
20.7362, 10.1051, 27.3930



1.0876, 0.5284, 1.5069

Previews

White Background



This preview shows how the XYZ color 44.5156, 44.1449, 63.9322 looks on a white background.

Color Contrast Check

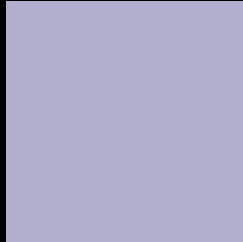
Large Text (above 18pt) WCAG AA × Fail

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 44.5156, 44.1449, 63.9322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

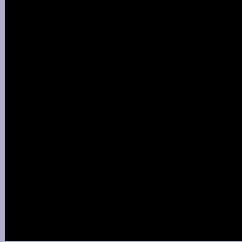
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5156, 44.1449, 63.9322

Background



This preview shows how black text looks on a background with the XYZ color 44.5156, 44.1449, 63.9322.



This preview shows how white text looks on a background with the XYZ color 44.5156, 44.1449,

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

44.5156, 44.1449, 63.9322

Protanopia

43.6792, 44.2776, 64.6368

Deuteranopia

45.0191, 44.1187, 63.9006



Tritanopia

42.7241, 43.9985, 54.9560

Trichromacy



Original Color

44.5156, 44.1449, 63.9322

Protanomaly

43.9261, 44.1148, 64.5924

Deuteranomaly

44.7854, 43.9982, 63.8897

Tritanomaly

43.3118, 43.9472, 57.8296

Monochromacy



Original Color

44.5156, 44.1449, 63.9322

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3896, 44.6588, 53.9101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5156, 44.1449, 63.9322 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(178, 174, 205)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 205)  
}
```

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(178, 174, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 205) }
```

Border

The CSS property to change the border of an element to XYZ 44.5156, 44.1449, 63.9322 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(178, 174, 205) }
```


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

```
.border{ border-color:rgb(178, 174, 205) }
```

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

Here you see how a box with a 4 pixel rgb(178, 174, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5156, 44.1449, 63.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 205) }
```

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

```
.background{ background-color: rgb(178,  
174, 205) }
```

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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