

Converting Colors

XYZ(44.6420, 42.9513, 44.4656)

Have a look what the booklet for
XYZ(44.6420, 42.9513, 44.4656)
contains.

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Color

**XYZ(44.6420, 42.9513,
44.4656)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A8AB
RGB	198, 168, 171
RGB Percent	78%, 66%, 67%
CMY	0.2235, 0.3412, 0.3294
CMYK	0.00, 0.15, 0.14, 0.22
HSL	354°, 21%, 72%
HSV	354°, 15%, 78%
XYZ	44.6420, 42.9513, 44.4656
YIQ	177.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

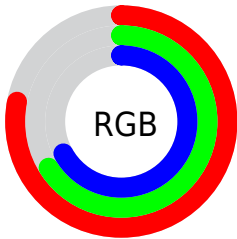
Format	Color
R _Y B	198, 168, 171
Decimal	13019307
CIE Lab	71.52, 11.41, 2.52
CIE LCh	72, 11.686, 12.436
Yxy	42.9513, 0.3380, 0.3252
Android (android.graphics.Color)	4291209387 (0xFFC6A8AB)
YUV	177.3120, -3.1118, 18.1434
Hunter-Lab	65.5372, 6.8987, 5.6491

Details

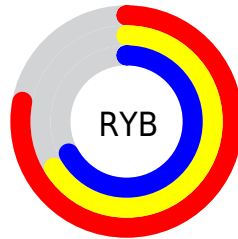
The XYZ color **44.6420, 42.9513, 44.4656** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1945, 52.6542, 59.3609**, and the grayscale version is **41.9646, 44.1500, 48.0793**.

A 20% lighter version of the original color is **81.3551, 79.5263, 83.0137**, and **21.0768, 19.7520, 20.1544** is the 20% darker color. If you saturate the color by 10%, you get **39.6755, 35.5558, 34.9864**, and if you desaturate by 10%, it is **50.3966, 51.5554, 55.3387**.

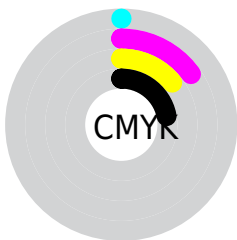
Distribution



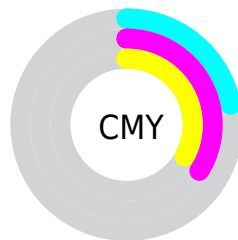
- Red (78%)
- Green (66%)
- Blue (67%)



- Red (78%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6420, 42.9513, 44.4656 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 44.6420, 42.9513, 44.4656 by changing the saturation by 10% instead.


 44.6420, 42.9513,
44.4656


 44.6420, 42.9513,
44.4656


356.1298,
358.4115, 380.7017

 31.3756, 29.8469,
30.6968


 81.4233, 79.6374,
83.2278

 21.0383, 19.7224,
20.1116


 105.6689,
103.9878, 109.0584

 13.2646, 12.1934,
12.2913


134.3050,
132.8558, 139.7466

 7.6893, 6.8756,
6.8174

167.6969,
166.6256, 175.7110

 3.9469, 3.3844,
3.2715

206.2100,
205.6817, 217.3702

 1.6721, 1.3356,
1.2349

250.2096,

 0.4387, 0.1685,

250.4084, 265.1427

0.0075

300.0611,
301.1902, 319.4470

■ 0.0000, 0.0000,
0.0000

■ 44.6420, 42.9513,
44.4656

■ 44.6420, 42.9513,
44.4656

■ 39.6755, 35.5558,
34.9864

■ 50.3966, 51.5554,
55.3387

■ 35.4593, 29.3093,
26.8419

■ 56.9677, 61.4129,
67.6559

■ 31.9578, 24.1559,
19.9731

■ 64.3870, 72.5731,
81.4685

■ 29.1314, 20.0327,
14.3150

■ 72.6830, 85.0811,
96.8244

■ 26.9361, 16.8702,
9.7973

■ 77.0989, 90.7459,
108.0599

■ 25.3231, 14.5906,
6.3422

■ 24.2362, 13.1037,
3.8621

■ 23.6078, 12.3002,
2.2553

■ 23.4132, 12.0556,
1.7445

Harmonies

Analogous

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



44.5488, 42.9513, 50.1227



44.6420, 42.9513, 44.4656



43.6884, 42.9513, 39.8115

Triad

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



44.6420, 42.9513, 44.4656



38.3171, 42.9513, 39.1973



39.6897, 42.9513, 57.9092

Complementary

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



44.6420, 42.9513, 44.4656



46.1945, 52.6542, 59.3609

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.



38.0874, 42.9513, 54.4881



44.6420, 42.9513, 44.4656



37.3127, 42.9513, 43.5638

Square

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



44.6420, 42.9513, 44.4656



40.0123, 42.9513, 36.9384



37.2300, 42.9513, 49.1458



41.6464, 42.9513, 58.1998

Rectangle

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



44.6420, 42.9513, 44.4656



42.6048, 42.9513, 37.7807



37.2300, 42.9513, 49.1458



39.0934, 42.9513, 57.0752

Sweetspot

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



44.6432, 42.9532, 44.4665



89.3235, 91.4159, 98.1464



46.7026, 43.6865, 59.3973



18.9531, 19.3184, 20.6952



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.



44.6432, 42.9532, 44.4665



76.1624, 71.7490, 73.2424



46.6791, 47.4770, 43.7519



10.6762, 10.6539, 11.2782



15.2410, 7.8460, 1.2133



0.7367, 0.3775, 0.1364

Inverse Universe

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



44.6432, 42.9532, 44.4665



76.1624, 71.7490, 73.2424



43.9020, 47.5214, 60.2852



10.6762, 10.6539, 11.2782



15.2410, 7.8460, 1.2133



0.7367, 0.3775, 0.1364

Previews

White Background



This preview shows how the XYZ color 44.6420, 42.9513, 44.4656 looks on a white background.

Color Contrast Check

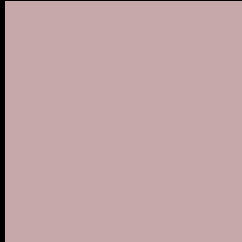
Large Text (above 18pt) WCAG AA × Fail

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 44.6420, 42.9513, 44.4656 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

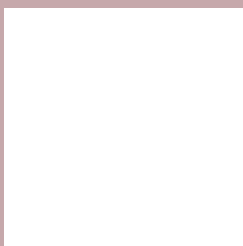
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6420, 42.9513, 44.4656

Background



This preview shows how black text looks on a background with the XYZ color 44.6420, 42.9513, 44.4656.



This preview shows how white text looks on a background with the XYZ color 44.6420, 42.9513,

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

44.6420, 42.9513, 44.4656

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

43.9735, 43.1591, 44.5410



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

44.6420, 42.9513, 44.4656

Protanomaly

42.4001, 42.8753, 46.0854

Deuteranomaly

44.0443, 42.9183, 44.4908

Tritanomaly

45.3077, 42.9539, 47.4979

Monochromacy



Original Color

44.6420, 42.9513, 44.4656

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.8815, 43.6815, 46.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6420, 42.9513, 44.4656 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(198, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 171)  
}
```

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(198, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 171) }
```

Border

The CSS property to change the border of an element to XYZ 44.6420, 42.9513, 44.4656 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(198, 168, 171) }
```


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

```
.border{ border-color:rgb(198, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6420, 42.9513, 44.4656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 171) }
```

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

```
.background{ background-color: rgb(198,  
168, 171) }
```

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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