

Converting Colors

XYZ(44.5155, 35.6325, 69.5662)

Have a look what the booklet for
XYZ(44.5155, 35.6325, 69.5662)
contains.

XYZ(44.4252, 35.6097, 69.4976)	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(44.4252, 35.6097,
69.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	C38DD8
RGB	195, 141, 216
RGB Percent	76%, 55%, 85%
CMY	0.2353, 0.4470, 0.1529
CMYK	0.10, 0.35, 0.00, 0.15
HSL	283°, 49%, 70%
HSV	283°, 35%, 85%
XYZ	44.4252, 35.6097, 69.4976
YIQ	165.6960, 8.1090, 34.7730

Conversions

Conversions Part 2

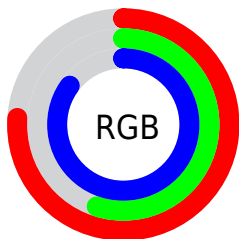
Format	Color
R _Y B	195, 141, 216
Decimal	12815832
CIE Lab	66.22, 33.63, -30.44
CIE LCh	66, 45.362, 317.852
Yxy	35.6097, 0.2971, 0.2381
Android (android.graphics.Color)	4291005912 (0xFFC38DD8)
YUV	165.6960, 24.7999, 25.6996
Hunter-Lab	59.6739, 28.4580, -27.2788

Details

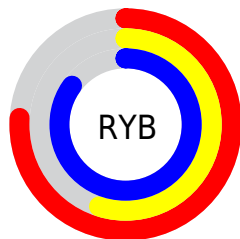
The XYZ color **44.4252, 35.6097, 69.4976** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2650, 58.7170, 34.2014**, and the grayscale version is **35.9813, 37.8551, 41.2242**.

A 20% lighter version of the original color is **77.7100, 66.9457, 103.4338**, and **20.9044, 15.4610, 35.6007** is the 20% darker color. If you saturate the color by 10%, you get **40.0146, 29.0608, 68.4666**, and if you desaturate by 10%, it is **49.5226, 43.4364, 70.7402**.

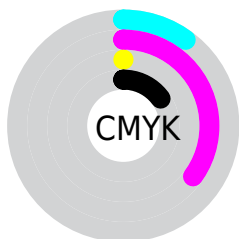
Distribution



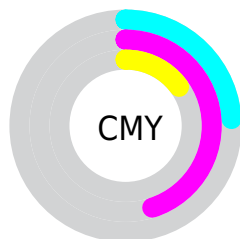
- Red (76%)
- Green (55%)
- Blue (85%)



- Red (76%)
- Yellow (55%)
- Blue (85%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4252, 35.6097, 69.4976 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 44.4252, 35.6097, 69.4976 by changing the saturation by 10% instead.

44.4252, 35.6097,
69.4976

44.4252, 35.6097,
69.4976

355.2636,
327.2514, 477.5254

31.2043, 24.1329,
50.6428

81.0996, 68.4292,
120.1664

20.9070, 15.4322,
35.5497

105.2837, 90.5407,
152.8175

13.1681, 9.1233,
23.7997

133.8530,
116.9660, 190.9044

7.6222, 4.8217,
14.9742

167.1727,
148.0893, 234.8457

3.9039, 2.1430,
8.6549

205.6083,
184.2951, 285.0599

1.6479, 0.6887,
4.4230

249.5251,

0.4233, 0.0000,

225.9678, 341.9655

1.8602

299.2884,
273.4917, 405.9812

■ 0.0000, 0.0000,
0.4672

■ 0.0000, 0.0000,
0.0000

■ 44.4252, 35.6097,
69.4976

■ 44.4252, 35.6097,
69.4976

■ 40.0146, 29.0608,
68.4666

■ 49.5226, 43.4364,
70.7402

■ 36.2502, 23.7124,
67.6326

■ 55.3372, 52.6033,
72.2031

■ 33.0924, 19.4854,
66.9831

■ 61.9019, 63.1743,
73.8975

■ 30.4954, 16.2894,
66.5031

■ 69.2463, 75.2077,
75.8331

■ 28.4063, 14.0196,
66.1751

■ 77.3986, 88.7585,
78.0190

■ 26.7605, 12.5483,
65.9779

■ 81.2034, 93.5151,
78.7366

■ 26.0125, 11.9781,
65.9072

■ 83.1927, 94.5406,
78.8297

■ 85.2502, 95.6013,
78.9260

■ 87.3765, 96.6974,
79.0255

Harmonies

Analogous

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



37.9886, 35.6097, 86.0891



44.4252, 35.6097, 69.4976



48.2077, 35.6097, 47.1450

Triad

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



44.4252, 35.6097, 69.4976



36.6553, 35.6097, 12.5812



22.9211, 35.6097, 51.3394

Complementary

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



44.4252, 35.6097, 69.4976



44.2650, 58.7170, 34.2014

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.



22.6639, 35.6097, 31.4557



44.4252, 35.6097, 69.4976



30.0160, 35.6097, 13.0393

Square

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



44.4252, 35.6097, 69.4976



43.3379, 35.6097, 17.2059



25.0956, 35.6097, 18.7751



25.8522, 35.6097, 73.4343

Rectangle

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



44.4252, 35.6097, 69.4976



48.4222, 35.6097, 33.9070



25.0956, 35.6097, 18.7751



22.5347, 35.6097, 44.0834

Sweetspot

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



44.4264, 35.6112, 69.4984



84.8697, 83.4666, 106.2453



36.3449, 36.5509, 70.1057



17.8790, 17.4048, 22.6671



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.



44.4264, 35.6112, 69.4984



59.6794, 44.3780, 100.0281



48.2409, 37.8085, 59.2466



12.5983, 12.4498, 15.6766



15.5065, 7.1464, 39.0153



1.0140, 0.4716, 2.3569

Inverse Universe

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



44.3665, 36.2587, 38.8441



59.8388, 45.6183, 47.7118



41.6487, 57.2182, 40.8609



12.5647, 12.4774, 13.6482



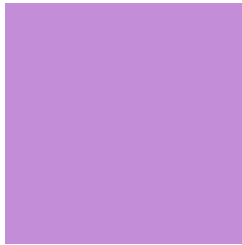
17.2921, 8.8532, 3.5762



1.0782, 0.5481, 0.4012

Previews

White Background



This preview shows how the XYZ color 44.4252, 35.6097, 69.4976 looks on a white background.

Color Contrast Check

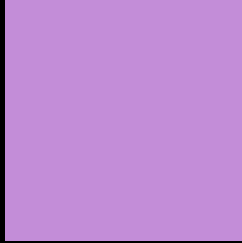
Large Text (above 18pt) WCAG AA × Fail

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 44.4252, 35.6097, 69.4976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

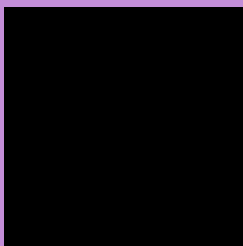
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4252, 35.6097, 69.4976

Background



This preview shows how black text looks on a background with the XYZ color 44.4252, 35.6097, 69.4976.



This preview shows how white text looks on a background with the XYZ color 44.4252, 35.6097,

69.4976.

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

44.4252, 35.6097, 69.4976

Protanopia

37.3285, 35.9984, 79.8439

Deuteranopia

36.8028, 35.9899, 67.9578



Tritanopia

38.3326, 35.6656, 39.5141

Trichromacy



Original Color

44.4252, 35.6097, 69.4976

Protanomaly

39.1169, 35.2636, 75.9790

Deuteranomaly

39.0917, 35.4185, 68.3944

Tritanomaly

40.2686, 35.5044, 48.9866

Monochromacy



Original Color

44.4252, 35.6097, 69.4976

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.8402, 36.9217, 50.4269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4252, 35.6097, 69.4976 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(195, 141, 216)` looks like.

```
.text, #text, p{  
    color:rgb(195, 141, 216)  
}
```

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(195, 141, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 141, 216) }
```

Border

The CSS property to change the border of an element to XYZ 44.4252, 35.6097, 69.4976 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(195, 141, 216) }
```


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

```
.border{ border-color:rgb(195, 141, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 141, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 141, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 141, 216);  
box-shadow:4px 4px 4px 4px rgb(195, 141,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4252, 35.6097, 69.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 141, 216) }
```

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

```
.background{ background-color: rgb(195,  
141, 216) }
```

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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