

Converting Colors

XYZ(43.9859, 36.5657, 56.5673)

Have a look what the booklet for
XYZ(43.9859, 36.5657, 56.5673)
contains.

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Color

**XYZ(44.0631, 36.6084,
56.3735)**

Conversions

Conversions Part 1

Format	Color
Hex	C991C3
RGB	201, 145, 195
RGB Percent	79%, 57%, 76%
CMY	0.2118, 0.4314, 0.2353
CMYK	0.00, 0.28, 0.03, 0.21
HSL	306°, 34%, 68%
HSV	306°, 28%, 79%
XYZ	44.0631, 36.6084, 56.3735
YIQ	167.4440, 17.3260, 27.4220

Conversions

Conversions Part 2

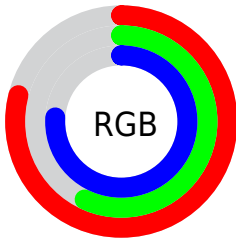
Format	Color
R_{YB}	201, 145, 195
Decimal	13210051
CIE _{Lab}	66.98, 29.29, -17.52
CIE _{LCh}	67, 34.134, 329.111
Yxy	36.6084, 0.3215, 0.2671
Android (android.graphics.Color)	4291400131 (0xFFC991C3)
YUV	167.4440, 13.5851, 29.4286
Hunter-Lab	60.5049, 24.1103, -12.8882

Details

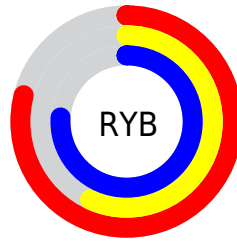
The XYZ color **44.0631, 36.6084, 56.3735** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1511, 50.0285, 36.9259**, and the grayscale version is **36.8779, 38.7984, 42.2515**.

A 20% lighter version of the original color is **79.2341, 69.1351, 101.2638**, and **20.6645, 16.0395, 27.2061** is the 20% darker color. If you saturate the color by 10%, you get **41.0178, 30.9041, 54.1659**, and if you desaturate by 10%, it is **47.6575, 43.4040, 58.7823**.

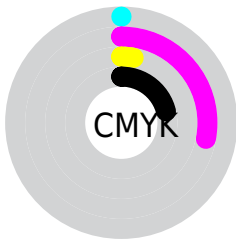
Distribution



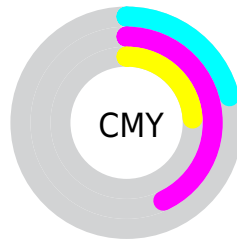
- Red (79%)
- Green (57%)
- Blue (76%)



- Red (79%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (21%)





- Cyan (21%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0631, 36.6084, 56.3735 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 44.0631, 36.6084, 56.3735 by changing the saturation by 10% instead.


 44.0631, 36.6084,
56.3735


 44.0631, 36.6084,
56.3735

353.8136,
331.6120, 428.5254

 30.9182, 24.9044,
40.0965


 80.5584, 69.9701,
101.0417

 20.6881, 16.0059,
27.2994


 104.6396, 92.3966,
130.2699

 13.0074, 9.5283,
17.5638


133.0970,
119.1661, 164.6523

 7.5107, 5.0874,
10.4711

166.2959,
150.6630, 204.6074

 3.8326, 2.2986,
5.6027

204.6016,
187.2716, 250.5537

 1.6079, 0.7730,
2.5402

248.3796,

 0.3975, 0.0000,

229.3764, 302.9098

0.8613

297.9951,
277.3617, 362.0941

■ 0.0000, 0.0000,
0.0000

■ 44.0631, 36.6084,
56.3735

■ 44.0631, 36.6084,
56.3735

■ 41.0178, 30.9041,
54.1659

■ 47.6575, 43.4040,
58.7823

■ 38.4896, 26.2291,
52.1475

■ 51.8242, 51.3392,
61.3989

■ 36.4483, 22.5223,
50.3086

■ 56.5891, 60.4652,
64.2323

■ 34.8593, 19.7146,
48.6376

■ 61.9756, 70.8286,
67.2905

■ 33.6833, 17.7272,
47.1212

■ 68.0058, 82.4736,
70.5809

■ 32.8743, 16.4683,
45.7442

■ 71.2235, 88.4880,
72.9514

■ 32.3649, 15.8033,
44.4840

■ 71.4903, 88.5947,
74.3561

■ 32.2713, 15.6911,
44.2215

■ 71.7606, 88.7028,
75.7798

■ 72.0346, 88.8124,
77.2225

Harmonies

Analogous

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



39.8701, 36.6084, 70.3420



44.0631, 36.6084, 56.3735



45.7362, 36.6084, 40.3044

Triad

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



44.0631, 36.6084, 56.3735



34.9499, 36.6084, 17.5982



26.7975, 36.6084, 55.4134

Complementary

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



44.0631, 36.6084, 56.3735



38.1511, 50.0285, 36.9259

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.



25.7550, 36.6084, 39.4195



44.0631, 36.6084, 56.3735



30.1703, 36.6084, 19.7694

Square

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



44.0631, 36.6084, 56.3735



40.1638, 36.6084, 20.0480



26.9275, 36.6084, 26.9348



29.9276, 36.6084, 69.6978

Rectangle

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



44.0631, 36.6084, 56.3735



45.0820, 36.6084, 31.2303



26.9275, 36.6084, 26.9348



26.2059, 36.6084, 49.9495

Sweetspot

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



44.0642, 36.6100, 56.3743



88.5339, 87.5279, 105.0016



33.3580, 31.0108, 59.4866



18.7039, 18.2649, 22.3236



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.



44.0642, 36.6100, 56.3743



72.4065, 56.9820, 94.3574



41.2262, 35.4748, 41.4294



11.0322, 10.7963, 13.1531



20.3112, 9.8740, 27.9123



0.9761, 0.4733, 1.3975

Inverse Universe

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



44.0642, 36.6100, 56.3743



72.4065, 56.9820, 94.3574



40.6613, 51.0326, 50.1446



11.0322, 10.7963, 13.1531



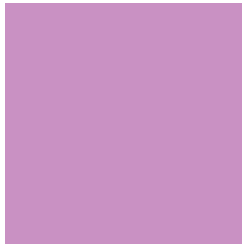
20.3112, 9.8740, 27.9123



0.9761, 0.4733, 1.3975

Previews

White Background



This preview shows how the XYZ color 44.0631, 36.6084, 56.3735 looks on a white background.

Color Contrast Check

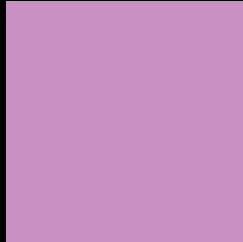
Large Text (above 18pt) WCAG AA × Fail

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 44.0631, 36.6084, 56.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

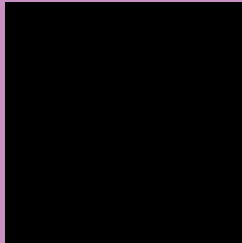
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0631, 36.6084, 56.3735

Background



This preview shows how black text looks on a background with the XYZ color 44.0631, 36.6084, 56.3735.



This preview shows how white text looks on a background with the XYZ color 44.0631, 36.6084,

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

44.0631, 36.6084, 56.3735

Protanopia

37.1317, 37.0211, 64.2202

Deuteranopia

37.4296, 36.6014, 54.9612



Tritanopia

40.7034, 36.6479, 39.5788

Trichromacy



Original Color

44.0631, 36.6084, 56.3735

Protanomaly

39.2455, 36.6348, 61.5027

Deuteranomaly

39.5413, 36.4264, 55.3990

Tritanomaly

41.7740, 36.5958, 45.4194

Monochromacy



Original Color

44.0631, 36.6084, 56.3735

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.9244, 37.5543, 46.7921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0631, 36.6084, 56.3735 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(201, 145, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 195)  
}
```

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(201, 145, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.0631, 36.6084, 56.3735 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(201, 145, 195) }
```


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

```
.border{ border-color:rgb(201, 145, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 145, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0631, 36.6084, 56.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 195) }
```

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

```
.background{ background-color: rgb(201,  
145, 195) }
```

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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