

Converting Colors

XYZ(47.3826, 44.2039, 65.2782)

Have a look what the booklet for
XYZ(47.3826, 44.2039, 65.2782)
contains.

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Color

**XYZ(47.4428, 44.2184,
65.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A9CF
RGB	193, 169, 207
RGB Percent	76%, 66%, 81%
CMY	0.2431, 0.3372, 0.1882
CMYK	0.07, 0.18, 0.00, 0.19
HSL	278°, 28%, 74%
HSV	278°, 18%, 81%
XYZ	47.4428, 44.2184, 65.0660
YIQ	180.5080, 2.1060, 16.9060

Conversions

Conversions Part 2

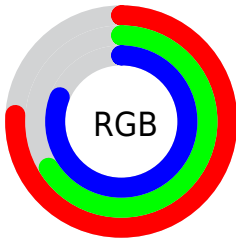
Format	Color
RYB	193, 169, 207
Decimal	12691919
CIELab	72.37, 15.70, -16.09
CIELCh	72, 22.482, 314.301
Yxy	44.2184, 0.3027, 0.2821
Android (android.graphics.Color)	4290881999 (0xFFC1A9CF)
YUV	180.5080, 13.0606, 10.9555
Hunter-Lab	66.4969, 10.9828, -11.4663

Details

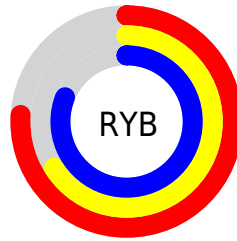
The XYZ color **47.4428, 44.2184, 65.0660** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0042, 57.5586, 46.0654**, and the grayscale version is **43.5878, 45.8577, 49.9391**.

A 20% lighter version of the original color is **84.1300, 80.8553, 105.7802**, and **22.7585, 20.5115, 32.8966** is the 20% darker color. If you saturate the color by 10%, you get **41.9985, 36.1414, 63.7946**, and if you desaturate by 10%, it is **53.5997, 53.5701, 66.5472**.

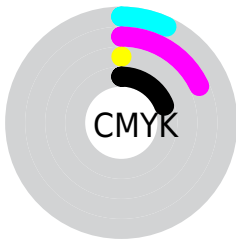
Distribution



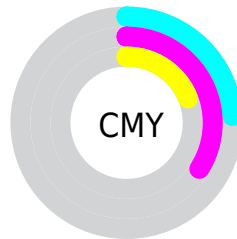
- Red (76%)
- Green (66%)
- Blue (81%)



- Red (76%)
- Yellow (66%)
- Blue (81%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (19%)





- Cyan (24%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4428, 44.2184, 65.0660 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 47.4428, 44.2184, 65.0660 by changing the saturation by 10% instead.


 47.4428, 44.2184,
65.0660


 47.4428, 44.2184,
65.0660


367.1987,
363.5988, 461.3418

 33.5953, 30.8422,
47.0629

 85.5889, 81.5463,
113.7589

 22.7443, 20.4788,
32.7307


 110.6182,
106.2668, 145.2858

 14.5244, 12.7435,
21.6508


140.1055,
135.5375, 182.1578

 8.5704, 7.2522,
13.4047

174.4161,
169.7429, 224.7933

 4.5169, 3.6203,
7.5738

213.9153,
209.2674, 273.6109

 1.9985, 1.4635,
3.7396

258.9686,

 0.6331, 0.2628,

254.4952, 329.0292

1.4836

309.9413,
305.8109, 391.4666

■ 0.0000, 0.0000,
0.2057

■ 0.0000, 0.0000,
0.0000

■ 47.4428, 44.2184,
65.0660

■ 47.4428, 44.2184,
65.0660

■ 41.9985, 36.1414,
63.7946

■ 53.5997, 53.5701,
66.5472

■ 37.2327, 29.2756,
62.7205

■ 60.4934, 64.2452,
68.2444

■ 33.1142, 23.5601,
61.8344

■ 68.1518, 76.2964,
70.1669

■ 29.6078, 18.9266,
61.1249

■ 76.6001, 89.7722,
72.3227

■ 26.6743, 15.2993,
60.5793

■ 80.0212, 93.0364,
72.7724

■ 24.2696, 12.5923,
60.1836

■ 82.5388, 94.3343,
72.8903

■ 22.3419, 10.7047,
59.9208

■ 85.1650, 95.6882,
73.0132

■ 20.8135, 9.4835,
59.7657

■ 87.9012, 97.0987,
73.1412

■ 20.5816, 9.3092,
59.7443

■ 88.2626, 97.2850,
73.1581

Harmonies

Analogous

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



43.8934, 44.2184, 71.8911



47.4428, 44.2184, 65.0660



49.6069, 44.2184, 54.1461

Triad

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



47.4428, 44.2184, 65.0660



44.0741, 44.2184, 30.4058



35.2219, 44.2184, 53.6050

Complementary

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



47.4428, 44.2184, 65.0660



49.0042, 57.5586, 46.0654

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.



35.2637, 44.2184, 42.6069



47.4428, 44.2184, 65.0660



40.2167, 44.2184, 30.3069

Square

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



47.4428, 44.2184, 65.0660



47.5821, 44.2184, 34.7427



37.0422, 44.2184, 34.4479



36.9244, 44.2184, 64.6178

Rectangle

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



47.4428, 44.2184, 65.0660



49.8941, 44.2184, 46.5655



37.0422, 44.2184, 34.4479



35.0359, 44.2184, 49.7625

Sweetspot

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



47.4442, 44.2203, 65.0670



88.3183, 89.5702, 107.2416



44.6770, 47.0430, 65.7577



18.7526, 18.9390, 22.9172



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.



47.4442, 44.2203, 65.0670



72.4908, 65.5693, 103.4432



50.6493, 45.9343, 62.4272



11.8710, 11.7823, 14.8922



13.0745, 5.9205, 37.6461



0.8169, 0.3753, 2.1089

Inverse Universe

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



48.4688, 45.0622, 50.9451



74.5017, 67.2054, 76.4567



46.2614, 56.0958, 48.1467



11.9862, 11.8792, 13.2033



17.0821, 8.7057, 5.3386



0.9929, 0.5019, 0.4977

Previews

White Background



This preview shows how the XYZ color 47.4428, 44.2184, 65.0660 looks on a white background.

Color Contrast Check

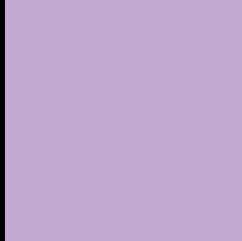
Large Text (above 18pt) WCAG AA × Fail

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 47.4428, 44.2184, 65.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

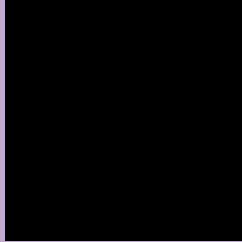
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4428, 44.2184, 65.0660

Background



This preview shows how black text looks on a background with the XYZ color 47.4428, 44.2184, 65.0660.



This preview shows how white text looks on a background with the XYZ color 47.4428, 44.2184,

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

47.4428, 44.2184, 65.0660

Protanopia

43.9866, 44.3502, 68.5295

Deuteranopia

45.1402, 44.1671, 64.5385



Tritanopia

45.0417, 44.3795, 52.6465

Trichromacy



Original Color

47.4428, 44.2184, 65.0660

Protanomaly

44.9365, 44.0053, 67.0982

Deuteranomaly

45.9007, 44.2756, 64.5193

Tritanomaly

45.9760, 44.4765, 57.2006

Monochromacy



Original Color

47.4428, 44.2184, 65.0660

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0240, 45.4763, 55.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4428, 44.2184, 65.0660 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(193, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 169, 207)  
}
```

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(193, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 169, 207) }
```

Border

The CSS property to change the border of an element to XYZ 47.4428, 44.2184, 65.0660 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(193, 169, 207) }
```


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

```
.border{ border-color:rgb(193, 169, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 169, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 169,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4428, 44.2184, 65.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 169, 207) }
```

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

```
.background{ background-color: rgb(193,  
169, 207) }
```

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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