

Converting Colors

XYZ(52.9418, 44.0124, 70.6713)

Have a look what the booklet for
XYZ(52.9418, 44.0124, 70.6713)
contains.

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Color

**XYZ(52.9404, 44.0105,
70.6704)**

Conversions

Conversions Part 1

Format	Color
Hex	D89ED8
RGB	216, 158, 216
RGB Percent	85%, 62%, 85%
CMY	0.1529, 0.3804, 0.1529
CMYK	0.00, 0.27, 0.00, 0.15
HSL	300°, 43%, 73%
HSV	300°, 27%, 85%
XYZ	52.9404, 44.0105, 70.6704
YIQ	181.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

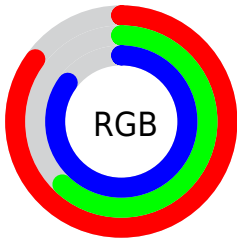
Format	Color
R_{YB}	216, 158, 216
Decimal	14196440
CIE _{Lab}	72.24, 31.06, -21.03
CIE _{LCh}	72, 37.515, 325.898
Yxy	44.0105, 0.3158, 0.2626
Android (android.graphics.Color)	4292386520 (0xFFD89ED8)
YUV	181.9540, 16.7847, 29.8583
Hunter-Lab	66.3404, 26.3493, -16.7215

Details

The XYZ color **52.9404, 44.0105, 70.6704** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.8297, 58.8508, 41.3466**, and the grayscale version is **44.3450, 46.6544, 50.8066**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **26.0843, 20.3549, 36.2723** is the 20% darker color. If you saturate the color by 10%, you get **49.5753, 37.2796, 69.5491**, and if you desaturate by 10%, it is **56.9557, 52.0403, 72.0094**.

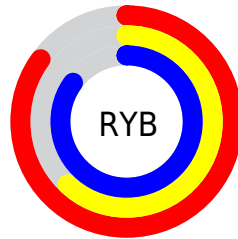
Distribution



Red (85%)

Green (62%)

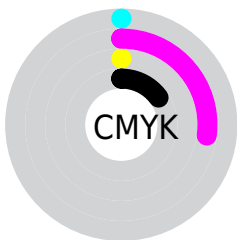
Blue (85%)



Red (85%)

Yellow (62%)

Blue (85%)

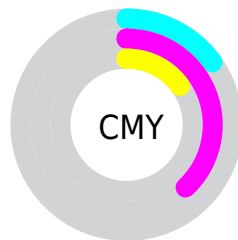


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9404, 44.0105, 70.6704 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 52.9404, 44.0105, 70.6704 by changing the saturation by 10% instead.


 52.9404, 44.0105,
70.6704


 52.9404, 44.0105,
70.6704


388.3210,
362.7511, 481.7530

 37.9825, 30.6788,
51.5931

 93.6827, 81.2335,
121.8544

 26.1462, 20.3544,
36.3008


 120.1978,
105.8936, 154.7981

 17.0663, 12.6529,
24.3751


151.2960,
135.0986, 193.2010

 10.3774, 7.1900,
15.3973

187.3427,
169.2330, 237.4817

 5.7141, 3.5812,
8.9490

228.7031,
208.6810, 288.0588

 2.7110, 1.4422,
4.6116

275.7428,

 1.0028, 0.2475,

253.8271, 345.3506

1.9665

328.8270,
305.0557, 409.7758

■ 0.0000, 0.0000,
0.5346

■ 0.0000, 0.0000,
0.0000

■ 52.9404, 44.0105,
70.6704

■ 52.9404, 44.0105,
70.6704

■ 49.5753, 37.2796,
69.5491

■ 56.9557, 52.0403,
72.0094

■ 46.8225, 31.7740,
68.6315

■ 61.6486, 61.4261,
73.5738

■ 44.6464, 27.4217,
67.9060

■ 67.0498, 72.2284,
75.3742

■ 43.0059, 24.1408,
67.3591

■ 73.1869, 84.5027,
77.4200

41.8548, 21.8386,
66.9753

76.4742, 91.0771,
78.5158

41.1389, 20.4068,
66.7366

76.4742, 91.0771,
78.5159

40.7878, 19.7047,
66.6195

76.4742, 91.0771,
78.5160

40.7140, 19.5570,
66.5949

76.4742, 91.0771,
78.5160

76.4742, 91.0771,
78.5161

Harmonies

Analogous

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



47.4735, 44.0105, 87.4075



52.9404, 44.0105, 70.6704



55.4318, 44.0105, 50.5006

Triad

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



52.9404, 44.0105, 70.6704



42.7223, 44.0105, 20.5444



31.6543, 44.0105, 65.1315

Complementary

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



52.9404, 44.0105, 70.6704



44.8297, 58.8508, 41.3466

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.



30.6589, 44.0105, 45.4287



52.9404, 44.0105, 70.6704



36.6537, 44.0105, 22.5808

Square

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



52.9404, 44.0105, 70.6704



49.1616, 44.0105, 24.1514



32.3953, 44.0105, 30.6655



35.2673, 44.0105, 83.6765

Rectangle

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



52.9404, 44.0105, 70.6704



54.9006, 44.0105, 38.8502



32.3953, 44.0105, 30.6655



31.0195, 44.0105, 58.3017

Sweetspot

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



52.9418, 44.0124, 70.6713



88.8839, 87.6679, 106.8446



38.7240, 36.6829, 70.0062



18.7928, 18.3004, 22.7918



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.



52.9418, 44.0124, 70.6713



74.3103, 58.5208, 101.9865



49.5169, 42.6425, 52.6364



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4169



1.4535, 0.6982, 2.3774

Inverse Universe

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



52.9418, 44.0124, 70.6713



74.3103, 58.5208, 101.9865



47.6277, 59.9700, 56.0806



12.9531, 12.6327, 15.6932



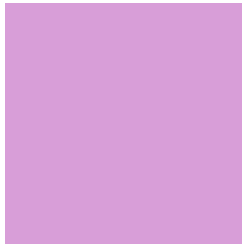
24.0982, 11.5756, 39.4169



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 52.9404, 44.0105, 70.6704 looks on a white background.

Color Contrast Check

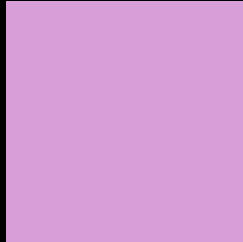
Large Text (above 18pt) WCAG AA × Fail

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 52.9404, 44.0105, 70.6704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

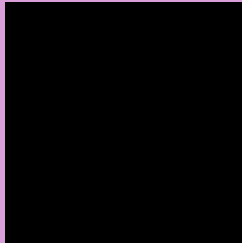
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9404, 44.0105, 70.6704

Background



This preview shows how black text looks on a background with the XYZ color 52.9404, 44.0105, 70.6704.



This preview shows how white text looks on a background with the XYZ color 52.9404, 44.0105,

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

52.9404, 44.0105, 70.6704

Protanopia

44.6434, 44.1539, 79.5684

Deuteranopia

45.0853, 44.0383, 69.0748



Tritanopia

48.3550, 43.9735, 48.0586

Trichromacy



Original Color

52.9404, 44.0105, 70.6704



Protanomaly

47.1710, 43.8250, 76.4939



Deuteranomaly

47.6261, 43.9367, 69.5888



Tritanomaly

49.8753, 43.7926, 55.6933

Monochromacy



Original Color

52.9404, 44.0105, 70.6704



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

46.9293, 45.2515, 57.2999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9404, 44.0105, 70.6704 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(216, 158, 216)` looks like.

```
.text, #text, p{  
    color:rgb(216, 158, 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(216, 158, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 158, 216) }
```

Border

The CSS property to change the border of an element to XYZ 52.9404, 44.0105, 70.6704 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(216, 158, 216) }
```


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

```
.border{ border-color:rgb(216, 158, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 158, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 158, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 158, 216);  
box-shadow:4px 4px 4px 4px rgb(216, 158,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9404, 44.0105, 70.6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 158, 216) }
```

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

```
.background{ background-color: rgb(216,  
158, 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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