

Converting Colors

XYZ(52.6067, 44.9144, 56.9356)

Have a look what the booklet for
XYZ(52.6067, 44.9144, 56.9356)
contains.

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Color

**XYZ(52.6067, 44.9144,
56.9356)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA1C2
RGB	222, 161, 194
RGB Percent	87%, 63%, 76%
CMY	0.1294, 0.3686, 0.2392
CMYK	0.00, 0.27, 0.13, 0.13
HSL	328°, 48%, 75%
HSV	328°, 27%, 87%
XYZ	52.6067, 44.9144, 56.9356
YIQ	183.0010, 25.7630, 23.1950

Conversions

Conversions Part 2

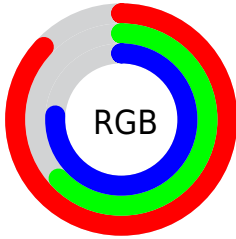
Format	Color
RYB	222, 161, 194
Decimal	14590402
CIELab	72.84, 27.61, -7.96
CIElCh	73, 28.737, 343.912
Yxy	44.9144, 0.3406, 0.2908
Android (android.graphics.Color)	4292780482 (0xFFDEA1C2)
YUV	183.0010, 5.4225, 34.2021
Hunter-Lab	67.0182, 22.8337, -3.4573

Details

The XYZ color **52.6067, 44.9144, 56.9356** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.0064, 63.4950, 57.7673**, and the grayscale version is **44.9727, 47.3148, 51.5258**.

A 20% lighter version of the original color is **83.0512, 77.2739, 100.9806**, and **25.9281, 20.9377, 27.4858** is the 20% darker color. If you saturate the color by 10%, you get **47.9608, 37.3914, 49.9326**, and if you desaturate by 10%, it is **58.0225, 53.8504, 64.5836**.

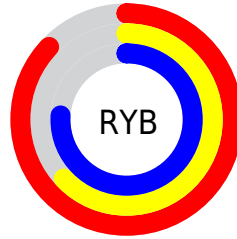
Distribution



Red (87%)

Green (63%)

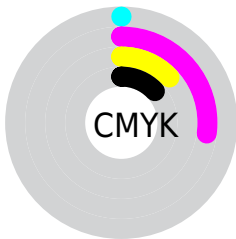
Blue (76%)



Red (87%)

Yellow (63%)

Blue (76%)

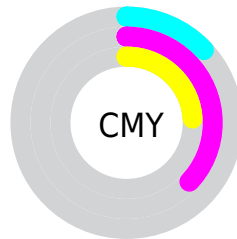


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (13%)



Cyan (13%)


Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6067, 44.9144, 56.9356 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 52.6067, 44.9144, 56.9356 by changing the saturation by 10% instead.


 52.6067, 44.9144,
56.9356


 52.6067, 44.9144,
56.9356


387.0600,
366.4268, 430.6949

 37.7151, 31.3900,
40.5445

 93.1943, 82.5919,
101.8706

 25.9379, 20.8960,
27.6463

 119.6211,
107.5139, 131.2516

 16.9096, 13.0480,
17.8225


150.6236,
137.0038, 165.7997

 10.2650, 7.4616,
10.6545

186.5672,
171.4461, 205.9334

 5.6386, 3.7524,
5.7238

227.8173,
211.2251, 252.0712

 2.6652, 1.5361,
2.6118

274.7392,

 0.9793, 0.3139,

256.7253, 304.6317

0.8985

327.6983,
308.3311, 364.0334

■ 0.0000, 0.0000,
0.0000

■ 52.6067, 44.9144,
56.9356

■ 52.6067, 44.9144,
56.9356

■ 47.9608, 37.3914,
49.9326

■ 58.0225, 53.8504,
64.5836

■ 44.0428, 31.2017,
43.5512

■ 64.2395, 64.2613,
72.8929

■ 40.8126, 26.2671,
37.7709

■ 71.2920, 76.2128,
81.8827

■ 38.2245, 22.4988,
32.5679

■ 79.2112, 89.7648,
91.5706

■ 36.2267, 19.7959,
27.9167

■ 82.3591, 93.6396,
100.0841

■ 34.7588, 18.0405,
23.7882

■ 83.9345, 94.2697,
108.3798

■ 33.7395, 17.0731,
20.1462

■ 33.5202, 16.8880,
19.2915

Harmonies

Analogous

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



49.7088, 44.9144, 71.5354



52.6067, 44.9144, 56.9356



52.7154, 44.9144, 42.5801

Triad

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



52.6067, 44.9144, 56.9356



40.4204, 44.9144, 26.7558



36.1333, 44.9144, 70.5870

Complementary

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



52.6067, 44.9144, 56.9356



50.0064, 63.4950, 57.7673

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.



34.0234, 44.9144, 55.8253



52.6067, 44.9144, 56.9356



36.3647, 44.9144, 31.6335

Square

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



52.6067, 44.9144, 56.9356



45.4090, 44.9144, 26.9373



34.1047, 44.9144, 41.6659



40.0813, 44.9144, 80.4068

Rectangle

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



52.6067, 44.9144, 56.9356



51.1734, 44.9144, 35.0982



34.1047, 44.9144, 41.6659



35.1998, 44.9144, 65.9252

Sweetspot

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



52.6080, 44.9164, 56.9365



87.4126, 87.0793, 99.0965



46.7817, 41.5146, 74.6554



18.4203, 18.1514, 20.8307



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.



52.6080, 44.9164, 56.9365



68.2173, 55.3063, 72.2973



49.5761, 43.7037, 40.9708



14.0158, 13.8239, 15.8531



19.9670, 10.0538, 11.7577



1.4291, 0.7149, 1.0522

Inverse Universe

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



52.6080, 44.9164, 56.9365



68.2173, 55.3063, 72.2973



53.6003, 64.9326, 76.6923



14.0158, 13.8239, 15.8531



19.9670, 10.0538, 11.7577



1.4291, 0.7149, 1.0522

Previews

White Background



This preview shows how the XYZ color 52.6067, 44.9144, 56.9356 looks on a white background.

Color Contrast Check

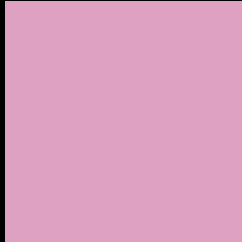
Large Text (above 18pt) WCAG AA × Fail

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 52.6067, 44.9144, 56.9356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

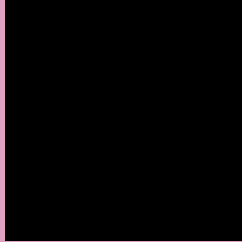
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6067, 44.9144, 56.9356

Background



This preview shows how black text looks on a background with the XYZ color 52.6067, 44.9144, 56.9356.



This preview shows how white text looks on a background with the XYZ color 52.6067, 44.9144,

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

52.6067, 44.9144, 56.9356

Protanopia

44.6190, 45.3625, 64.1618

Deuteranopia

46.1363, 45.1542, 56.1532



Tritanopia

50.7265, 44.9409, 47.5959

Trichromacy



Original Color

52.6067, 44.9144, 56.9356

Protanomaly

47.0334, 44.9286, 61.4515

Deuteranomaly

48.1707, 44.7827, 56.5571

Tritanomaly

51.4632, 44.9854, 50.7704

Monochromacy



Original Color

52.6067, 44.9144, 56.9356

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.3256, 46.1181, 53.4211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6067, 44.9144, 56.9356 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(222, 161, 194)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 194)  
}
```

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(222, 161, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.6067, 44.9144, 56.9356 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(222, 161, 194) }
```


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

```
.border{ border-color:rgb(222, 161, 194) }
```

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

Here you see how a box with a 4 pixel rgb(222, 161, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 194);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6067, 44.9144, 56.9356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 194) }
```

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

```
.background{ background-color: rgb(222,  
161, 194) }
```

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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