

Converting Colors

XYZ(44.4120, 37.7160, 56.5283)

Have a look what the booklet for
XYZ(44.4120, 37.7160, 56.5283)
contains.

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Color

**XYZ(44.4172, 37.7144,
56.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	C895C3
RGB	200, 149, 195
RGB Percent	78%, 58%, 76%
CMY	0.2157, 0.4157, 0.2353
CMYK	0.00, 0.25, 0.03, 0.22
HSL	306°, 32%, 68%
HSV	306°, 25%, 78%
XYZ	44.4172, 37.7144, 56.5683
YIQ	169.4930, 15.6300, 25.1180

Conversions

Conversions Part 2

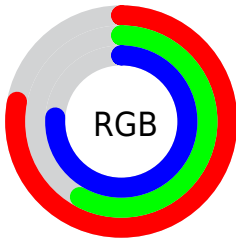
Format	Color
R _Y B	200, 149, 195
Decimal	13145539
CIE _{Lab}	67.81, 26.76, -16.28
CIE _{LCh}	68, 31.324, 328.682
Y _{xy}	37.7144, 0.3202, 0.2719
Android (android.graphics.Color)	4291335619 (0xFFC895C3)
Y _{UV}	169.4930, 12.5750, 26.7546
Hunter-Lab	61.4121, 21.6318, -11.6252

Details

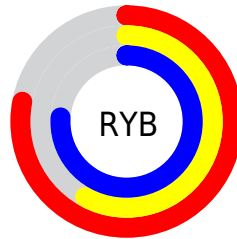
The XYZ color **44.4172, 37.7144, 56.5683** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.8830, 50.0324, 38.1819**, and the grayscale version is **37.8914, 39.8647, 43.4127**.

A 20% lighter version of the original color is **80.4036, 71.4740, 101.6536**, and **20.8525, 16.6782, 27.3195** is the 20% darker color. If you saturate the color by 10%, you get **41.3007, 31.8333, 54.4430**, and if you desaturate by 10%, it is **48.0823, 44.6867, 58.8917**.

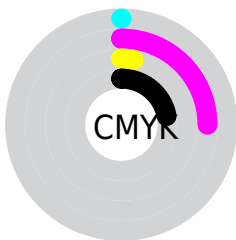
Distribution



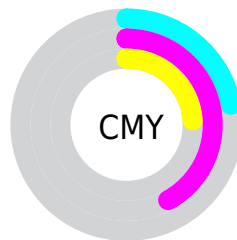
- Red (78%)
- Green (58%)
- Blue (76%)



- Red (78%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4172, 37.7144, 56.5683 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 44.4172, 37.7144, 56.5683 by changing the saturation by 10% instead.


 44.4172, 37.7144,
56.5683


 44.4172, 37.7144,
56.5683

355.2316,
336.3932, 429.2780

 31.1979, 25.7611,
40.2517


 81.0876, 71.6702,
101.3291

 20.9022, 16.6450,
27.4196

 105.2695, 94.4414,
130.6103

 13.1646, 9.9817,
17.6534


133.8363,
121.5875, 165.0502

 7.6198, 5.3868,
10.5345

167.1534,
153.4927, 205.0673

 3.9024, 2.4760,
5.6446

205.5861,
190.5415, 251.0800

 1.6470, 0.8646,
2.5649

249.4998,

 0.4228, 0.0000,

233.1183, 303.5071

0.8743

299.2598,
281.6074, 362.7669

■ 0.0000, 0.0000,
0.0000

■ 44.4172, 37.7144,
56.5683

■ 44.4172, 37.7144,
56.5683

■ 41.3007, 31.8333,
54.4430

■ 48.0823, 44.6867,
58.8917

■ 38.7015, 26.9828,
52.5041

■ 52.3183, 52.7968,
61.4193

■ 36.5906, 23.1042,
50.7421

■ 57.1504, 62.0945,
64.1602

■ 34.9345, 20.1309,
49.1460

■ 62.6015, 72.6254,
67.1219

■ 33.6958, 17.9875,
47.7032

■ 68.6931, 84.4326,
70.3117

■ 32.8309, 16.5871,
46.3990

■ 70.8138, 88.2932,
72.1924

■ 32.2861, 15.8224,
45.2156

■ 71.0548, 88.3895,
73.4613

■ 32.0978, 15.5908,
44.7065

■ 71.2987, 88.4871,
74.7460

■ 71.5457, 88.5859,
76.0464

Harmonies

Analogous

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



40.5107, 37.7144, 69.2310



44.4172, 37.7144, 56.5683



46.0002, 37.7144, 41.6817

Triad

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



44.4172, 37.7144, 56.5683



36.0612, 37.7144, 19.7343



28.2724, 37.7144, 55.2617

Complementary

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



44.4172, 37.7144, 56.5683



38.8830, 50.0324, 38.1819

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.



27.3089, 37.7144, 40.4536



44.4172, 37.7144, 56.5683



31.5546, 37.7144, 21.8092

Square

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



44.4172, 37.7144, 56.5683



40.9150, 37.7144, 22.2144



28.4558, 37.7144, 28.6889



31.2147, 37.7144, 68.3648

Rectangle

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



44.4172, 37.7144, 56.5683



45.4253, 37.7144, 33.0905



28.4558, 37.7144, 28.6889



27.7187, 37.7144, 50.2266

Sweetspot

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



44.4184, 37.7161, 56.5691



88.5635, 87.5397, 105.1573



34.3586, 32.4636, 59.0996



18.7114, 18.2679, 22.3631



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.



44.4184, 37.7161, 56.5691



73.5825, 59.0218, 95.7113



41.8476, 36.6878, 43.0318



11.0365, 10.7980, 13.1757



20.4272, 9.9205, 28.5234



0.9806, 0.4751, 1.4208

Inverse Universe

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



44.4184, 37.7161, 56.5691



73.5825, 59.0218, 95.7113



41.1615, 50.9438, 50.1805



11.0365, 10.7980, 13.1757



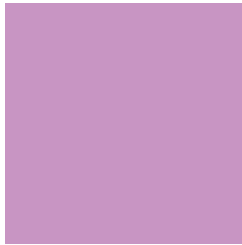
20.4272, 9.9205, 28.5234



0.9806, 0.4751, 1.4208

Previews

White Background



This preview shows how the XYZ color 44.4172, 37.7144, 56.5683 looks on a white background.

Color Contrast Check

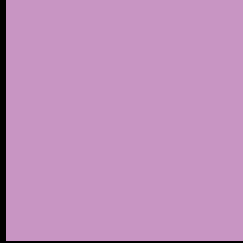
Large Text (above 18pt) WCAG AA × Fail

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 44.4172, 37.7144, 56.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

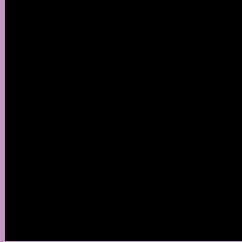
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4172, 37.7144, 56.5683

Background



This preview shows how black text looks on a background with the XYZ color 44.4172, 37.7144, 56.5683.



This preview shows how white text looks on a background with the XYZ color 44.4172, 37.7144,

56.5683.

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

44.4172, 37.7144, 56.5683

Protanopia

38.0052, 38.0266, 63.0944

Deuteranopia

38.7327, 37.7750, 55.7019



Tritanopia

41.2035, 37.6001, 41.1623

Trichromacy



Original Color

44.4172, 37.7144, 56.5683

Protanomaly

39.9540, 37.7840, 60.4456

Deuteranomaly

40.6170, 37.7123, 56.1774

Tritanomaly

42.1900, 37.5011, 46.6098

Monochromacy



Original Color

44.4172, 37.7144, 56.5683

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.7786, 38.7583, 47.5040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4172, 37.7144, 56.5683 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(200, 149, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 149, 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(200, 149, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 149, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.4172, 37.7144, 56.5683 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(200, 149, 195) }
```


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

```
.border{ border-color:rgb(200, 149, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 149, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 149, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 149, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 149,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4172, 37.7144, 56.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 149, 195) }
```

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

```
.background{ background-color: rgb(200,  
149, 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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