

Converting Colors

XYZ(43.7563, 37.0462, 60.7215)

Have a look what the booklet for
XYZ(43.7563, 37.0462, 60.7215)
contains.

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Color

**XYZ(43.7563, 37.0462,
60.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	C394CA
RGB	195, 148, 202
RGB Percent	76%, 58%, 79%
CMY	0.2353, 0.4196, 0.2078
CMYK	0.03, 0.27, 0.00, 0.21
HSL	292°, 34%, 69%
HSV	292°, 27%, 79%
XYZ	43.7563, 37.0462, 60.7215
YIQ	168.2090, 10.6780, 26.7580

Conversions

Conversions Part 2

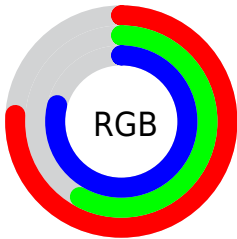
Format	Color
RYB	195, 148, 202
Decimal	12817610
CIELab	67.31, 26.97, -20.98
CIELCh	67, 34.172, 322.120
Yxy	37.0462, 0.3092, 0.2618
Android (android.graphics.Color)	4291007690 (0xFFC394CA)
YUV	168.2090, 16.6590, 23.4957
Hunter-Lab	60.8656, 21.8089, -16.5437

Details

The XYZ color **43.7563, 37.0462, 60.7215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9846, 51.3486, 35.8226**, and the grayscale version is **37.2401, 39.1795, 42.6665**.

A 20% lighter version of the original color is **79.3154, 70.1565, 103.9689**, and **20.6045, 16.3502, 30.0869** is the 20% darker color. If you saturate the color by 10%, you get **40.1899, 30.9082, 59.7253**, and if you desaturate by 10%, it is **47.8898, 44.2993, 61.9042**.

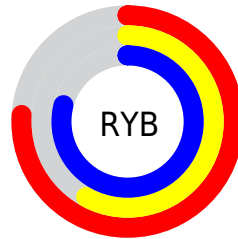
Distribution



Red (76%)

Green (58%)

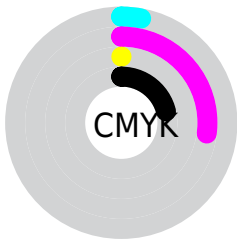
Blue (79%)



Red (76%)

Yellow (58%)

Blue (79%)

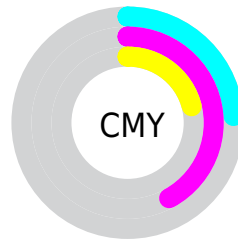


Cyan (3%)

Magenta (27%)

Yellow (0%)

Black (21%)



Cyan (24%)


Magenta (42%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7563, 37.0462, 60.7215 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 43.7563, 37.0462, 60.7215 by changing the saturation by 10% instead.


 43.7563, 37.0462,
60.7215

 43.7563, 37.0462,
60.7215


352.5819,
333.5105, 445.1304

 30.6761, 25.2433,
43.5714


 80.0995, 70.6438,
107.4292

 20.5029, 16.2584,
29.9989


 104.0932, 93.2073,
137.8238

 12.8715, 9.7072,
19.5857

132.4554,
120.1265, 173.4703

 7.4165, 5.2052,
11.9132

165.5516,
151.7856, 214.7873

 3.7726, 2.3682,
6.5628

203.7469,
188.5692, 262.1932

 1.5743, 0.8094,
3.1159

247.4068,

 0.3756, 0.0000,

230.8616, 316.1067

1.1541

296.8967,
279.0473, 376.9462

■ 0.0000, 0.0000,
0.0000

■ 43.7563, 37.0462,
60.7215

■ 43.7563, 37.0462,
60.7215

■ 40.1899, 30.9082,
59.7253

■ 47.8898, 44.2993,
61.9042

■ 37.1582, 25.8230,
58.9035

■ 52.6137, 52.7160,
63.2798

■ 34.6312, 21.7296,
58.2466

■ 57.9540, 62.3479,
64.8575

■ 32.5740, 18.5586,
57.7430

■ 63.9342, 73.2417,
66.6450

■ 30.9476, 16.2318,
57.3796

■ 70.5767, 85.4421,
68.6498

■ 29.7061, 14.6577,
57.1412

■ 73.2023, 89.5907,
69.3122

■ 28.7895, 13.7164,
57.0078

■ 73.9573, 89.9799,
69.3475

■ 28.5239, 13.4731,
56.9748

■ 74.7245, 90.3754,
69.3834

■ 75.5041, 90.7773,
69.4199

Harmonies

Analogous

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



39.1336, 37.0462, 73.3165



43.7563, 37.0462, 60.7215



46.1366, 37.0462, 44.4142

Triad

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



43.7563, 37.0462, 60.7215



36.6075, 37.0462, 18.0124



26.6958, 37.0462, 52.1773

Complementary

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



43.7563, 37.0462, 60.7215



39.9846, 51.3486, 35.8226

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.



26.1631, 37.0462, 36.5173



43.7563, 37.0462, 60.7215



31.5602, 37.0462, 19.1132

Square

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



43.7563, 37.0462, 60.7215



41.7511, 37.0462, 21.6139



27.8582, 37.0462, 25.1167



29.3927, 37.0462, 67.5936

Rectangle

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



43.7563, 37.0462, 60.7215



45.9822, 37.0462, 34.5896



27.8582, 37.0462, 25.1167



26.2692, 37.0462, 46.6883

Sweetspot

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



43.7575, 37.0478, 60.7223



87.9178, 87.1698, 106.7994



34.6296, 34.0712, 60.6289



18.5474, 18.1739, 22.7803



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.



43.7575, 37.0478, 60.7223



70.5255, 56.5696, 101.8097



43.4123, 37.1236, 49.2431



11.5389, 11.3271, 14.1486



18.4080, 8.6972, 36.6648



0.9905, 0.4697, 1.8934

Inverse Universe

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



40.8646, 36.1045, 35.8269



64.9097, 54.7605, 52.4836



40.3838, 51.3576, 44.7342



11.2705, 11.2369, 11.9592



15.8134, 8.1360, 1.4702



0.8357, 0.4277, 0.1809

Previews

White Background



This preview shows how the XYZ color 43.7563, 37.0462, 60.7215 looks on a white background.

Color Contrast Check

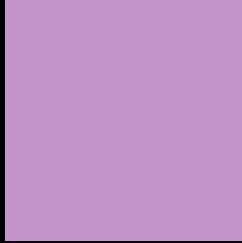
Large Text (above 18pt) WCAG AA × Fail

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 43.7563, 37.0462, 60.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

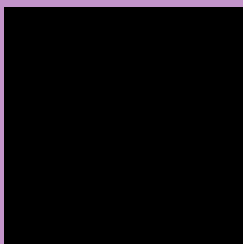
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7563, 37.0462, 60.7215

Background



This preview shows how black text looks on a background with the XYZ color 43.7563, 37.0462, 60.7215.



This preview shows how white text looks on a background with the XYZ color 43.7563, 37.0462,

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

43.7563, 37.0462, 60.7215

Protanopia

37.5665, 37.1734, 67.4826

Deuteranopia

38.0705, 37.3413, 59.8446



Tritanopia

39.9316, 37.1799, 41.6310

Trichromacy



Original Color

43.7563, 37.0462, 60.7215

Protanomaly

39.3785, 36.8835, 64.7183

Deuteranomaly

39.8866, 36.9927, 60.2964

Tritanomaly

41.2047, 36.9582, 48.1419

Monochromacy



Original Color

43.7563, 37.0462, 60.7215

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.3432, 38.2500, 48.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7563, 37.0462, 60.7215 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(195, 148, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 202)  
}
```

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(195, 148, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.7563, 37.0462, 60.7215 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(195, 148, 202) }
```


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

```
.border{ border-color:rgb(195, 148, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7563, 37.0462, 60.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 202) }
```

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

```
.background{ background-color: rgb(195,  
148, 202) }
```

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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