

Converting Colors

XYZ(63.1245, 51.5222, 74.8224)

Have a look what the booklet for
XYZ(63.1245, 51.5222, 74.8224)
contains.

XYZ(63.1455, 51.5587, 75.0303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.1455, 51.5587,
75.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A7DD
RGB	241, 167, 221
RGB Percent	95%, 65%, 87%
CMY	0.0549, 0.3451, 0.1333
CMYK	0.00, 0.31, 0.08, 0.05
HSL	316°, 73%, 80%
HSV	316°, 31%, 95%
XYZ	63.1455, 51.5587, 75.0303
YIQ	195.2820, 26.7700, 32.4820

Conversions

Conversions Part 2

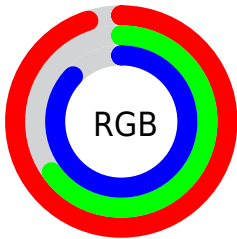
Format	Color
R _Y B	241, 167, 221
Decimal	15837149
CIE Lab	77.02, 35.35, -16.28
CIE LCh	77, 38.923, 335.274
Yxy	51.5587, 0.3328, 0.2717
Android (android.graphics.Color)	4294027229 (0xFFFF1A7DD)
YUV	195.2820, 12.6790, 40.0947
Hunter-Lab	71.8044, 31.3170, -11.6906

Details

The XYZ color **63.1455, 51.5587, 75.0303** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.3635, 74.7155, 58.4679**, and the grayscale version is **51.9568, 54.6626, 59.5276**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **32.6674, 24.9781, 39.1759** is the 20% darker color. If you saturate the color by 10%, you get **58.2842, 43.1975, 69.2110**, and if you desaturate by 10%, it is **68.8662, 61.5833, 81.3034**.

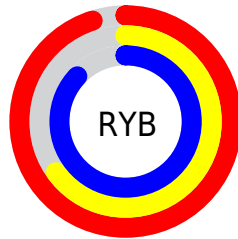
Distribution



Red (95%)

Green (65%)

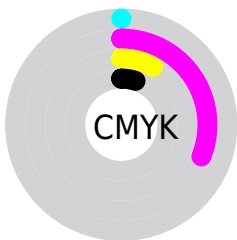
Blue (87%)



Red (95%)

Yellow (65%)

Blue (87%)

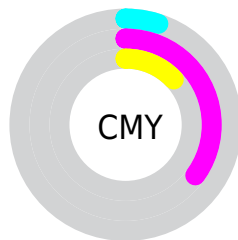


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (5%)



Cyan (5%)


Magenta (35%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1455, 51.5587, 75.0303 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 63.1455, 51.5587, 75.0303 by changing the saturation by 10% instead.


 63.1455, 51.5587,
75.0303


 63.1455, 51.5587,
75.0303


425.7486,
392.7306, 497.2799

 46.2180, 36.6534,
55.1358

 108.4600, 92.4801,
128.1027

 32.6232, 24.9393,
39.1112


 137.5778,
119.2650, 162.1178

 21.9958, 16.0318,
26.5377


171.4897,
150.7786, 201.6768

 13.9704, 9.5467,
16.9970

210.5611,
187.4053, 247.1983

 8.1817, 5.0994,
10.0704

255.1573,
229.5294, 299.1008

 4.2642, 2.3057,
5.3394

305.6437,

 1.8527, 0.7767,

277.5354, 357.8029

2.3856

362.3857,
331.8077, 423.7231

■ 0.5491, 0.0000,
0.7786

■ 0.0000, 0.0000,
0.0000

■ 63.1455, 51.5587,
75.0303

■ 63.1455, 51.5587,
75.0303

■ 58.2842, 43.1975,
69.2110

■ 68.8662, 61.5833,
81.3034

■ 54.2316, 36.4011,
63.8249

■ 75.4844, 73.3490,
88.0431

■ 50.9384, 31.0711,
58.8545

■ 83.0412, 86.9369,
95.2654

■ 48.3483, 27.0950,
54.2788

■ 88.8333, 96.9399,
102.0710

■ 46.3965, 24.3441,
50.0745

■ 89.8568, 97.3493,
107.4604

■ 45.0057, 22.6644,
46.2136

■ 90.0860, 97.4410,
108.6677

■ 44.0988, 21.8301,
42.8917

Harmonies

Analogous

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



57.7177, 51.5587, 96.5577



63.1455, 51.5587, 75.0303



64.6350, 51.5587, 52.4649

Triad

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



63.1455, 51.5587, 75.0303



47.7048, 51.5587, 24.4811



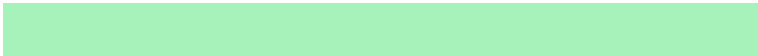
38.2522, 51.5587, 83.2060

Complementary

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



63.1455, 51.5587, 75.0303



56.3635, 74.7155, 58.4679

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.



36.1227, 51.5587, 59.9801



63.1455, 51.5587, 75.0303



41.2164, 51.5587, 28.9437

Square

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



63.1455, 51.5587, 75.0303



55.2206, 51.5587, 26.5947



37.1508, 51.5587, 40.7184



43.2743, 51.5587, 102.0520

Rectangle

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



63.1455, 51.5587, 75.0303



63.0773, 51.5587, 40.4333



37.1508, 51.5587, 40.7184



37.1987, 51.5587, 75.4606

Sweetspot

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



63.1471, 51.5610, 75.0314



87.1779, 85.8283, 101.4283



50.1266, 44.5222, 89.1717



18.4050, 17.9149, 21.4604



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.



63.1471, 51.5610, 75.0314



68.1363, 52.3126, 81.0002



58.7760, 49.8126, 52.0136



16.2613, 15.9542, 18.9322



23.9728, 11.8615, 23.5711



2.0356, 1.0033, 2.1784

Inverse Universe

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



63.1471, 51.5610, 75.0314



68.1363, 52.3126, 81.0002



60.8119, 76.4949, 81.8930



16.2613, 15.9542, 18.9322



23.9728, 11.8615, 23.5711



2.0356, 1.0033, 2.1784

Previews

White Background



This preview shows how the XYZ color 63.1455, 51.5587, 75.0303 looks on a white background.

Color Contrast Check

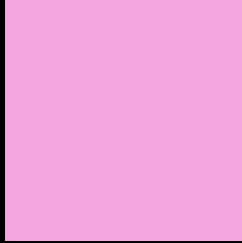
Large Text (above 18pt) WCAG AA × Fail

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 63.1455, 51.5587, 75.0303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

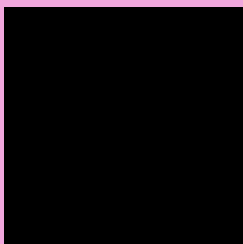
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1455, 51.5587, 75.0303

Background



This preview shows how black text looks on a background with the XYZ color 63.1455, 51.5587, 75.0303.



This preview shows how white text looks on a background with the XYZ color 63.1455, 51.5587,

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

63.1455, 51.5587, 75.0303

Protanopia

51.9283, 52.0350, 86.6637

Deuteranopia

52.9787, 51.9155, 73.5581



Tritanopia

58.8383, 51.4795, 53.8491

Trichromacy



Original Color

63.1455, 51.5587, 75.0303



Protanomaly

55.3048, 51.3738, 82.6026



Deuteranomaly

56.0577, 51.3517, 73.9751



Tritanomaly

60.1316, 51.4265, 60.7899

Monochromacy



Original Color

63.1455, 51.5587, 75.0303



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.3994, 53.0546, 64.4474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1455, 51.5587, 75.0303 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(241, 167, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 221)  
}
```

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(241, 167, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.1455, 51.5587, 75.0303 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(241, 167, 221) }
```


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

```
.border{ border-color:rgb(241, 167, 221) }
```

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

Here you see how a box with a 4 pixel rgb(241, 167, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1455, 51.5587, 75.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 221) }
```

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

```
.background{ background-color: rgb(241,  
167, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor