

Converting Colors

XYZ(63.1421, 52.6307, 76.6428)

Have a look what the booklet for
XYZ(63.1421, 52.6307, 76.6428)
contains.

XYZ(63.1421, 52.6307, 76.6428)	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(63.1421, 52.6307,
76.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	EEABDF
RGB	238, 171, 223
RGB Percent	93%, 67%, 87%
CMY	0.0667, 0.3294, 0.1255
CMYK	0.00, 0.28, 0.06, 0.07
HSL	313°, 66%, 80%
HSV	313°, 28%, 93%
XYZ	63.1421, 52.6307, 76.6428
YIQ	196.9610, 23.2400, 30.3760

Conversions

Conversions Part 2

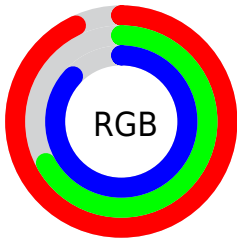
Format	Color
RYB	238, 171, 223
Decimal	15641567
CIELab	77.66, 32.59, -16.43
CIELCh	78, 36.496, 333.238
Yxy	52.6307, 0.3282, 0.2735
Android (android.graphics.Color)	4293831647 (0xFFEEABDF)
YUV	196.9610, 12.8372, 35.9912
Hunter-Lab	72.5470, 28.4022, -11.8544

Details

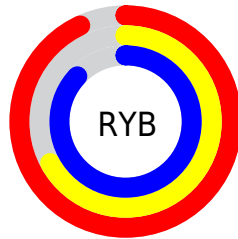
The XYZ color **63.1421, 52.6307, 76.6428** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.2342, 73.3538, 57.6524**, and the grayscale version is **52.9639, 55.7222, 60.6815**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **32.6024, 25.6078, 40.2703** is the 20% darker color. If you saturate the color by 10%, you get **58.3380, 44.1536, 71.5527**, and if you desaturate by 10%, it is **68.7813, 62.7403, 82.1240**.

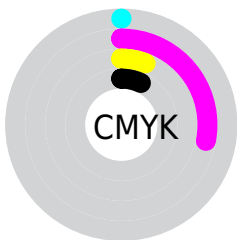
Distribution



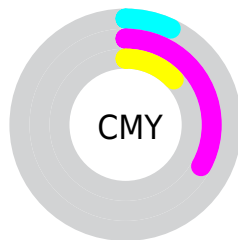
- Red (93%)
- Green (67%)
- Blue (87%)



- Red (93%)
- Yellow (67%)
- Blue (87%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1421, 52.6307, 76.6428 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 63.1421, 52.6307, 76.6428 by changing the saturation by 10% instead.


 63.1421, 52.6307,
76.6428

 63.1421, 52.6307,
76.6428


425.7365,
396.8667, 502.9506

 46.2153, 37.5080,
56.4499


 108.4552, 94.0607,
130.4035

 32.6211, 25.6011,
40.1574


137.5721,
121.1369, 164.8085

 21.9942, 16.5255,
27.3465


171.4831,
152.9663, 204.7879

 13.9692, 9.8967,
17.5989

210.5535,
189.9334, 250.7603

 8.1808, 5.3305,
10.4960

255.1487,
232.4226, 303.1442

 4.2636, 2.4425,
5.6191

305.6340,

 1.8523, 0.8476,

280.8183, 362.3582

2.5499

362.3748,
335.5049, 428.8208

■ 0.5489, 0.0000,
0.8664

■ 0.0000, 0.0000,
0.0000

■ 63.1421, 52.6307,
76.6428

■ 63.1421, 52.6307,
76.6428

■ 58.3380, 44.1536,
71.5527

■ 68.7813, 62.7403,
82.1240

■ 54.3207, 37.2149,
66.8349

■ 75.2914, 74.5559,
88.0075

■ 51.0440, 31.7219,
62.4734

■ 82.7115, 88.1548,
94.3078

■ 48.4548, 27.5688,
58.4497

■ 87.3975, 96.2482,
99.8114

46.4930, 24.6356,
54.7425

88.2200, 96.5772,
104.1425

45.0875, 22.7804,
51.3271

89.0661, 96.9157,
108.5980

44.1391, 21.8054,
48.1694

89.0703, 96.9174,
108.6202

43.9870, 21.6680,
47.6043

Harmonies

Analogous

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



57.8350, 52.6307, 96.3352



63.1421, 52.6307, 76.6428



64.8289, 52.6307, 55.1389

Triad

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



63.1421, 52.6307, 76.6428



49.2614, 52.6307, 26.6077



39.5127, 52.6307, 81.3508

Complementary

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



63.1421, 52.6307, 76.6428



56.2342, 73.3538, 57.6524

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.



37.6642, 52.6307, 59.5289



63.1421, 52.6307, 76.6428



42.9498, 52.6307, 30.5635

Square

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



63.1421, 52.6307, 76.6428



56.3850, 52.6307, 29.1426



38.8614, 52.6307, 41.5301



44.1601, 52.6307, 99.4718

Rectangle

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



63.1421, 52.6307, 76.6428



63.5548, 52.6307, 43.3017



38.8614, 52.6307, 41.5301



38.5643, 52.6307, 74.0443

Sweetspot

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



63.1437, 52.6330, 76.6439



88.1572, 87.3772, 103.0175



50.1303, 45.6803, 87.0649



18.6084, 18.2267, 21.8208



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.



63.1437, 52.6330, 76.6439



70.3786, 55.4084, 86.0289



59.1172, 51.0224, 55.4406



16.2940, 15.9673, 19.1042



24.5910, 12.1088, 26.8265



2.0825, 1.0220, 2.4252

Inverse Universe

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



63.1437, 52.6330, 76.6439



70.3786, 55.4084, 86.0289



60.1594, 74.9238, 78.3221



16.2940, 15.9673, 19.1042



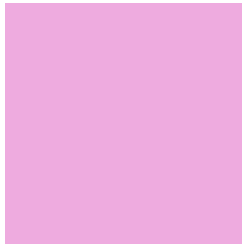
24.5910, 12.1088, 26.8265



2.0825, 1.0220, 2.4252

Previews

White Background



This preview shows how the XYZ color 63.1421, 52.6307, 76.6428 looks on a white background.

Color Contrast Check

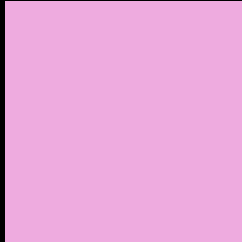
Large Text (above 18pt) WCAG AA × Fail

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 63.1421, 52.6307, 76.6428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

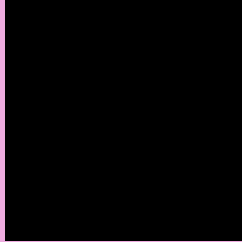
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1421, 52.6307, 76.6428

Background



This preview shows how black text looks on a background with the XYZ color 63.1421, 52.6307, 76.6428.



This preview shows how white text looks on a background with the XYZ color 63.1421, 52.6307,

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

63.1421, 52.6307, 76.6428

Protanopia

52.8452, 52.8281, 86.7685

Deuteranopia

53.9773, 52.7137, 75.0400



Tritanopia

59.0578, 52.6983, 56.3493

Trichromacy



Original Color

63.1421, 52.6307, 76.6428



Protanomaly

55.7144, 52.1931, 82.7391



Deuteranomaly

57.0156, 52.4143, 75.5185



Tritanomaly

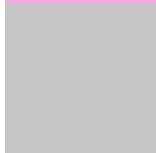
60.3704, 52.6339, 63.4774

Monochromacy



Original Color

63.1421, 52.6307, 76.6428



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.2752, 54.4197, 65.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1421, 52.6307, 76.6428 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(238, 171, 223)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 223)  
}
```

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(238, 171, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 223) }
```

Border

The CSS property to change the border of an element to XYZ 63.1421, 52.6307, 76.6428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

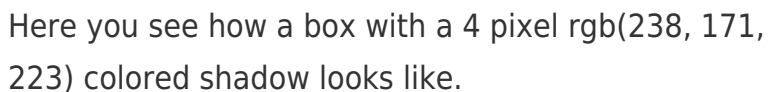
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 171, 223) }
```


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

```
.border{ border-color:rgb(238, 171, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 171, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 171, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 171, 223); box-shadow:4px 4px 4px 4px rgb(238, 171, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1421, 52.6307, 76.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 171, 223) }
```

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

```
.background{ background-color: rgb(238,  
171, 223) }
```

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