

Converting Colors

XYZ(62.8025, 52.8354, 77.7434)

Have a look what the booklet for
XYZ(62.8025, 52.8354, 77.7434)
contains.

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Color

**XYZ(62.7991, 52.7197,
77.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACE0
RGB	236, 172, 224
RGB Percent	93%, 67%, 88%
CMY	0.0745, 0.3255, 0.1216
CMYK	0.00, 0.27, 0.05, 0.07
HSL	311°, 63%, 80%
HSV	311°, 27%, 93%
XYZ	62.7991, 52.7197, 77.3871
YIQ	197.0640, 21.4520, 29.7400

Conversions

Conversions Part 2

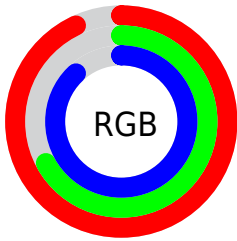
Format	Color
R_{YB}	236, 172, 224
Decimal	15510752
CIE _{Lab}	77.71, 31.57, -16.92
CIE _{LCh}	78, 35.815, 331.814
Yxy	52.7197, 0.3255, 0.2733
Android (android.graphics.Color)	4293700832 (0xFFECACE0)
YUV	197.0640, 13.2794, 34.1469
Hunter-Lab	72.6083, 27.3204, -12.3664

Details

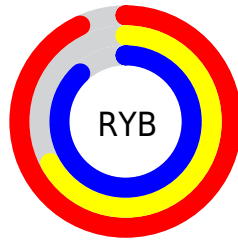
The XYZ color **62.7991, 52.7197, 77.3871** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.6625, 72.2238, 56.3572**, and the grayscale version is **53.0242, 55.7856, 60.7505**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **32.3487, 25.6419, 40.7805** is the 20% darker color. If you saturate the color by 10%, you get **58.1082, 44.2851, 72.9012**, and if you desaturate by 10%, it is **68.3064, 62.7603, 82.2234**.

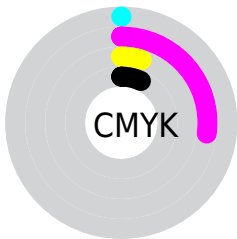
Distribution



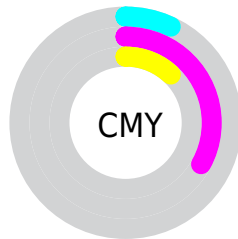
- Red (93%)
- Green (67%)
- Blue (88%)



- Red (93%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7991, 52.7197, 77.3871 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 62.7991, 52.7197, 77.3871 by changing the saturation by 10% instead.

62.7991, 52.7197,
77.3871

62.7991, 52.7197,
77.3871

424.5113,
397.2088, 505.5555

45.9367, 37.5791,
57.0572

107.9631, 94.1918,
131.4638

32.4003, 25.6561,
40.6415

136.9954,
121.2920, 166.0476

21.8245, 16.5666,
27.7215

170.8150,
153.1475, 206.2198

13.8439, 9.9260,
17.8786

209.7874,
190.1428, 252.3989

8.0931, 5.3499,
10.6943

254.2779,
232.6622, 305.0035

4.2069, 2.4540,
5.7501

304.6518,

1.8198, 0.8535,

281.0900, 364.4521

2.6274

361.2745,
335.8108, 431.1633

■ 0.5296, 0.0000,
0.9066

■ 0.0000, 0.0000,
0.0000

■ 62.7991, 52.7197,
77.3871

■ 62.7991, 52.7197,
77.3871

■ 58.1082, 44.2851,
72.9012

■ 68.3064, 62.7603,
82.2234

■ 54.1865, 37.3650,
68.7476

■ 74.6645, 74.4782,
87.4203

■ 50.9895, 31.8697,
64.9115

■ 81.9115, 87.9487,
92.9918

■ 48.4659, 27.6967,
61.3752

■ 86.3348, 95.7460,
97.7008

46.5577, 24.7302,
58.1187

87.0066, 96.0147,
101.2386

45.1966, 22.8341,
55.1188

87.6947, 96.2899,
104.8617

44.2946, 21.8321,
52.3454

88.3990, 96.5717,
108.5706

44.0790, 21.6277,
51.5741

88.4025, 96.5731,
108.5889

Harmonies

Analogous

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



57.4687, 52.7197, 96.3351



62.7991, 52.7197, 77.3871



64.6464, 52.7197, 56.2028

Triad

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



62.7991, 52.7197, 77.3871



49.6877, 52.7197, 27.0776



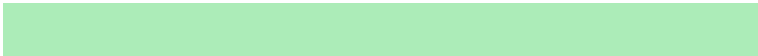
39.6139, 52.7197, 79.9697

Complementary

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



62.7991, 52.7197, 77.3871



55.6625, 72.2238, 56.3572

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.



37.9319, 52.7197, 58.6198



62.7991, 52.7197, 77.3871



43.4052, 52.7197, 30.6911

Square

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



62.7991, 52.7197, 77.3871



56.6716, 52.7197, 29.9019



39.2543, 52.7197, 41.1942



44.0727, 52.7197, 98.0518

Rectangle

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



62.7991, 52.7197, 77.3871



63.5297, 52.7197, 44.3540



39.2543, 52.7197, 41.1942



38.7246, 52.7197, 72.7885

Sweetspot

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



62.8007, 52.7220, 77.3882



88.2741, 87.4239, 103.6332



49.5985, 45.7213, 85.5687



18.6380, 18.2385, 21.9767



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.



62.8007, 52.7220, 77.3882



71.3872, 56.5742, 88.9899



58.8905, 51.1579, 56.7972



15.5866, 15.2625, 18.3744



24.3422, 11.9396, 28.6668



1.9427, 0.9501, 2.4157

Inverse Universe

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



62.8007, 52.7220, 77.3882



71.3872, 56.5742, 88.9899



59.3708, 73.7071, 75.8845



15.5866, 15.2625, 18.3744



24.3422, 11.9396, 28.6668



1.9427, 0.9501, 2.4157

Previews

White Background



This preview shows how the XYZ color 62.7991, 52.7197, 77.3871 looks on a white background.

Color Contrast Check

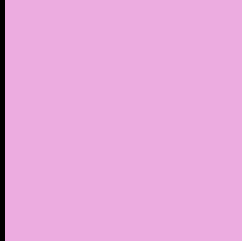
Large Text (above 18pt) WCAG AA × Fail

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 62.7991, 52.7197, 77.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

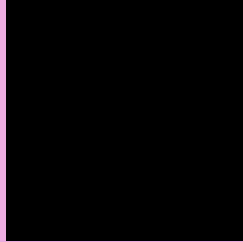
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7991, 52.7197, 77.3871

Background



This preview shows how black text looks on a background with the XYZ color 62.7991, 52.7197, 77.3871.



This preview shows how white text looks on a background with the XYZ color 62.7991, 52.7197,

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

62.7991, 52.7197, 77.3871

Protanopia

53.2083, 53.3211, 87.6084

Deuteranopia

54.0603, 53.0572, 75.7984



Tritanopia

58.7135, 52.8024, 56.9665

Trichromacy



Original Color

62.7991, 52.7197, 77.3871



Protanomaly

56.0631, 52.6637, 83.5542



Deuteranomaly

56.7767, 52.5787, 76.2635



Tritanomaly

60.0287, 52.7339, 64.1416

Monochromacy



Original Color

62.7991, 52.7197, 77.3871



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.1097, 54.3203, 66.5591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7991, 52.7197, 77.3871 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(236, 172, 224)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 224)  
}
```

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(236, 172, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.7991, 52.7197, 77.3871 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(236, 172, 224) }
```


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

```
.border{ border-color:rgb(236, 172, 224) }
```

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

Here you see how a box with a 4 pixel rgb(236, 172, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 224);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7991, 52.7197, 77.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 224) }
```

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

```
.background{ background-color: rgb(236,  
172, 224) }
```

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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