

Converting Colors

XYZ(62.4025, 53.7678, 71.7180)

Have a look what the booklet for
XYZ(62.4025, 53.7678, 71.7180)
contains.

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Color

**XYZ(62.5121, 53.8414,
72.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB0D8
RGB	236, 176, 216
RGB Percent	93%, 69%, 85%
CMY	0.0745, 0.3098, 0.1529
CMYK	0.00, 0.25, 0.08, 0.07
HSL	320°, 61%, 81%
HSV	320°, 25%, 93%
XYZ	62.5121, 53.8414, 72.0634
YIQ	198.5000, 22.9200, 25.1600

Conversions

Conversions Part 2

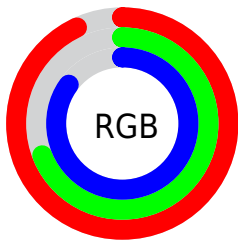
Format	Color
R_{YB}	236, 176, 216
Decimal	15511768
CIE _{Lab}	78.37, 28.06, -11.59
CIE _{LCh}	78, 30.358, 337.560
Yxy	53.8414, 0.3318, 0.2858
Android (android.graphics.Color)	4293701848 (0xFFECB0D8)
YUV	198.5000, 8.6275, 32.8875
Hunter-Lab	73.3767, 23.6610, -6.8651

Details

The XYZ color **62.5121, 53.8414, 72.0634** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.8660, 73.2081, 63.3086**, and the grayscale version is **53.9214, 56.7296, 61.7785**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **32.1064, 26.3228, 37.1068** is the 20% darker color. If you saturate the color by 10%, you get **57.2883, 44.9820, 65.4238**, and if you desaturate by 10%, it is **68.5922, 64.3338, 79.2299**.

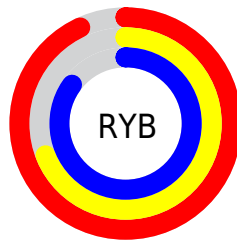
Distribution



Red (93%)

Green (69%)

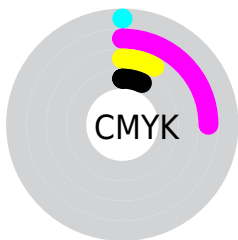
Blue (85%)



Red (93%)

Yellow (69%)

Blue (85%)

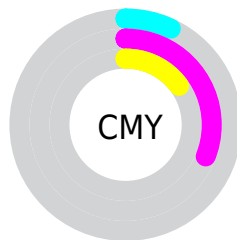


Cyan (0%)

Magenta (25%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5121, 53.8414, 72.0634 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 62.5121, 53.8414, 72.0634 by changing the saturation by 10% instead.


 62.5121, 53.8414,
72.0634

 62.5121, 53.8414,
72.0634


423.4845,
401.5049, 486.7457

 45.7038, 38.4749,
52.7233


 107.5511, 95.8413,
123.8552

 32.2158, 26.3515,
37.1957


136.5125,
123.2435, 157.1440

 21.6827, 17.0868,
25.0621


170.2556,
155.4264, 195.9195

 13.7392, 10.2964,
15.9039

209.1458,
192.7744, 240.6002

 8.0200, 5.5959,
9.3025

253.5484,
235.6718, 291.6046

 4.1597, 2.6010,
4.8395

303.8288,

 1.7929, 0.9271,

284.5031, 349.3513

2.0963

360.3524,
339.6527, 414.2588

■ 0.5134, 0.0000,
0.6136

■ 0.0000, 0.0000,
0.0000

■ 62.5121, 53.8414,
72.0634

■ 62.5121, 53.8414,
72.0634

■ 57.2883, 44.9820,
65.4238

■ 68.5922, 64.3338,
79.2299

■ 52.8736, 37.6649,
59.2903

■ 75.5631, 76.5296,
86.9363

■ 49.2237, 31.8015,
53.6453

■ 83.4632, 90.5036,
95.1992

■ 46.2877, 27.2913,
48.4683

■ 87.2137, 96.0976,
102.3288

■ 44.0082, 24.0206,
43.7368

■ 88.4025, 96.5731,
108.5889

■ 42.3185, 21.8574,
39.4248

■ 41.1368, 20.6387,
35.5013

■ 40.7063, 20.2786,
33.8140

Harmonies

Analogous

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



58.4817, 53.8414, 88.6737



62.5121, 53.8414, 72.0634



63.3939, 53.8414, 54.4123

Triad

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



62.5121, 53.8414, 72.0634



49.6820, 53.8414, 31.7407



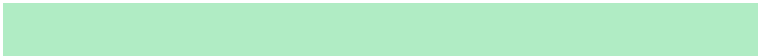
42.6186, 53.8414, 80.9885

Complementary

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



62.5121, 53.8414, 72.0634



57.8660, 73.2081, 63.3086

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.



40.6360, 53.8414, 63.0479



62.5121, 53.8414, 72.0634



44.5031, 53.8414, 36.2693

Square

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



62.5121, 53.8414, 72.0634



55.6741, 53.8414, 33.2244



41.2982, 53.8414, 46.9691



46.9243, 53.8414, 94.4845

Rectangle

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



62.5121, 53.8414, 72.0634



62.0192, 53.8414, 44.7149



41.2982, 53.8414, 46.9691



41.6742, 53.8414, 75.1546

Sweetspot

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



62.5137, 53.8438, 72.0645



87.8082, 87.2376, 101.1798



53.4329, 48.8453, 85.9697



18.5201, 18.1914, 21.3561



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.



62.5137, 53.8438, 72.0645



70.8493, 57.9286, 81.3184



58.9823, 52.4313, 53.4686



15.4890, 15.2234, 17.8601



22.5003, 11.2028, 18.9678



1.8111, 0.8974, 1.7228

Inverse Universe

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



62.5137, 53.8438, 72.0645



70.8493, 57.9286, 81.3184



61.6293, 74.7135, 83.1258



15.4890, 15.2234, 17.8601



22.5003, 11.2028, 18.9678



1.8111, 0.8974, 1.7228

Previews

White Background



This preview shows how the XYZ color 62.5121, 53.8414, 72.0634 looks on a white background.

Color Contrast Check

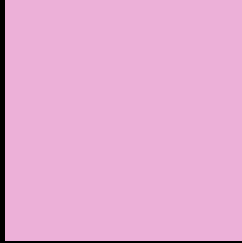
Large Text (above 18pt) WCAG AA × Fail

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 62.5121, 53.8414, 72.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

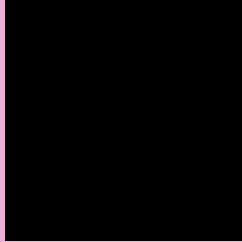
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5121, 53.8414, 72.0634

Background



This preview shows how black text looks on a background with the XYZ color 62.5121, 53.8414, 72.0634.



This preview shows how white text looks on a background with the XYZ color 62.5121, 53.8414,

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

62.5121, 53.8414, 72.0634

Protanopia

53.6741, 54.3773, 80.3400

Deuteranopia

55.2370, 54.0876, 71.1470



Tritanopia

59.6631, 53.8612, 58.2906

Trichromacy



Original Color

62.5121, 53.8414, 72.0634



Protanomaly

56.2664, 53.8475, 77.2401



Deuteranomaly

57.7251, 53.7862, 71.6293



Tritanomaly

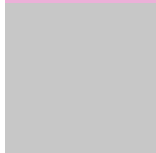
60.7125, 53.9969, 63.0997

Monochromacy



Original Color

62.5121, 53.8414, 72.0634



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.8016, 55.6664, 65.5085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5121, 53.8414, 72.0634 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, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(236, 176, 216)  
}
```

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, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 176, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.5121, 53.8414, 72.0634 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, 176, 216) }
```


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

```
.border{ border-color:rgb(236, 176, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 176, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 176, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 176, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 176,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5121, 53.8414, 72.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 176, 216) }
```

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

```
.background{ background-color: rgb(236,  
176, 216) }
```

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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