

Converting Colors

XYZ(62.8336, 53.3506, 81.3921)

Have a look what the booklet for
XYZ(62.8336, 53.3506, 81.3921)
contains.

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Color

**XYZ(62.5576, 53.0851,
81.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AEE5
RGB	232, 174, 229
RGB Percent	91%, 68%, 90%
CMY	0.0902, 0.3176, 0.1020
CMYK	0.00, 0.25, 0.01, 0.09
HSL	303°, 56%, 80%
HSV	303°, 25%, 91%
XYZ	62.5576, 53.0851, 81.0780
YIQ	197.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

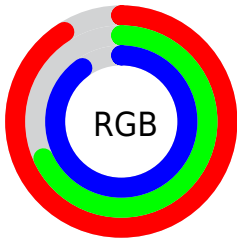
Format	Color
RYB	232, 174, 229
Decimal	15249125
CIELab	77.93, 30.08, -19.34
CIELCh	78, 35.758, 327.262
Yxy	53.0851, 0.3180, 0.2699
Android (android.graphics.Color)	4293439205 (0xFFE8AEE5)
YUV	197.6120, 15.4743, 30.1583
Hunter-Lab	72.8595, 25.7570, -14.9762

Details

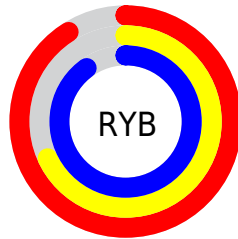
The XYZ color **62.5576, 53.0851, 81.0780** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.2501, 69.8878, 52.2284**, and the grayscale version is **53.3445, 56.1226, 61.1175**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **32.2847, 25.9220, 42.8370** is the 20% darker color. If you saturate the color by 10%, you get **58.2904, 44.8170, 78.8322**, and if you desaturate by 10%, it is **67.6033, 62.9064, 83.5902**.

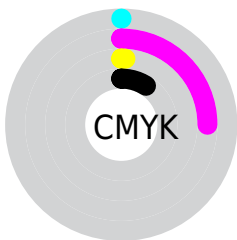
Distribution



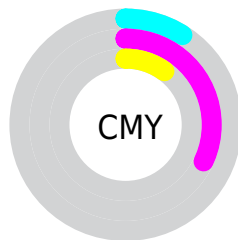
- Red (91%)
- Green (68%)
- Blue (90%)



- Red (91%)
- Yellow (68%)
- Blue (90%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5576, 53.0851, 81.0780 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 62.5576, 53.0851, 81.0780 by changing the saturation by 10% instead.


 62.5576, 53.0851,
81.0780

 62.5576, 53.0851,
81.0780


423.6474,
398.6115, 518.3606

 45.7407, 37.8707,
60.0745


 107.6164, 94.7296,
136.7053

 32.2450, 25.8824,
43.0530


136.5890,
121.9285, 172.1662

 21.7052, 16.7357,
29.5950


170.3443,
153.8910, 213.2833

 13.7558, 10.0462,
19.2819

209.2475,
191.0015, 260.4751

 8.0316, 5.4296,
11.6953

253.6641,
233.6444, 314.1602

 4.1671, 2.5015,
6.4165

303.9594,

 1.7971, 0.8774,

282.2041, 374.7572

3.0271

360.4987,
337.0650, 442.6845

■ 0.5159, 0.0000,
1.1085

■ 0.0000, 0.0000,
0.0000

■ 62.5576, 53.0851,
81.0780

■ 62.5576, 53.0851,
81.0780

■ 58.2904, 44.8170,
78.8322

■ 67.6033, 62.9064,
83.5902

■ 54.7569, 38.0156,
76.8361

■ 73.4595, 74.3479,
86.3777

■ 51.9156, 32.5965,
75.0763

■ 80.1625, 87.4809,
89.4533

■ 49.7185, 28.4641,
73.5370

■ 83.8620, 94.6052,
91.5334

48.1117, 25.5103,
72.2002

84.0348, 94.6743,
92.4437

47.0324, 23.6098,
71.0448

84.2089, 94.7439,
93.3602

46.4037, 22.6086,
70.0453

84.3841, 94.8140,
94.2829

46.1973, 22.3233,
69.5835

84.5605, 94.8846,
95.2117

84.7380, 94.9556,
96.1468

Harmonies

Analogous

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



56.8309, 53.0851, 98.9538



62.5576, 53.0851, 81.0780



65.0226, 53.0851, 59.6489

Triad

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



62.5576, 53.0851, 81.0780



51.0971, 53.0851, 27.3707



39.4802, 53.0851, 77.1730

Complementary

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



62.5576, 53.0851, 81.0780



54.2501, 69.8878, 52.2284

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.



38.2452, 53.0851, 55.9910



62.5576, 53.0851, 81.0780



44.5762, 53.0851, 30.0086

Square

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



62.5576, 53.0851, 81.0780



58.0367, 53.0851, 31.2055



40.0249, 53.0851, 39.4685



43.5656, 53.0851, 96.3595

Rectangle

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



62.5576, 53.0851, 81.0780



64.3300, 53.0851, 47.1669



40.0249, 53.0851, 39.4685



38.7353, 53.0851, 69.9233

Sweetspot

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



62.5592, 53.0874, 81.0791



89.4693, 89.0759, 106.3081



47.8127, 45.4365, 82.5950



19.0523, 18.8747, 22.7082



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.



62.5592, 53.0874, 81.0791



74.6793, 60.2678, 98.9987



58.8537, 51.6052, 61.5659



14.9612, 14.6017, 17.9962



25.6614, 12.3988, 38.7077



1.9062, 0.9202, 2.9127

Inverse Universe

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



62.5592, 53.0874, 81.0791



74.6793, 60.2678, 98.9987



57.4426, 71.1648, 69.0395



14.9612, 14.6017, 17.9962



25.6614, 12.3988, 38.7077



1.9062, 0.9202, 2.9127

Previews

White Background



This preview shows how the XYZ color 62.5576, 53.0851, 81.0780 looks on a white background.

Color Contrast Check

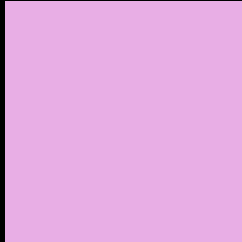
Large Text (above 18pt) WCAG AA × Fail

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 62.5576, 53.0851, 81.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

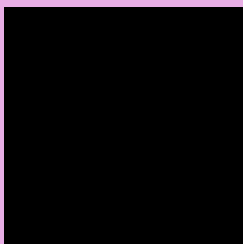
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5576, 53.0851, 81.0780

Background



This preview shows how black text looks on a background with the XYZ color 62.5576, 53.0851, 81.0780.



This preview shows how white text looks on a background with the XYZ color 62.5576, 53.0851,

81.0780.

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

62.5576, 53.0851, 81.0780

Protanopia

53.5640, 53.4362, 90.7102

Deuteranopia

54.4756, 53.1932, 79.3476



Tritanopia

57.7374, 52.8685, 58.2005

Trichromacy



Original Color

62.5576, 53.0851, 81.0780



Protanomaly

56.4544, 53.0917, 87.3930



Deuteranomaly

57.0931, 52.9683, 79.8878



Tritanomaly

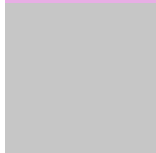
59.4960, 53.0038, 66.1265

Monochromacy



Original Color

62.5576, 53.0851, 81.0780



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.2846, 54.7003, 67.9133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5576, 53.0851, 81.0780 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(232, 174, 229)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 229)  
}
```

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(232, 174, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 229) }
```

Border

The CSS property to change the border of an element to XYZ 62.5576, 53.0851, 81.0780 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(232, 174, 229) }
```


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

```
.border{ border-color:rgb(232, 174, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 229);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5576, 53.0851, 81.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 229) }
```

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

```
.background{ background-color: rgb(232,  
174, 229) }
```

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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