

Converting Colors

XYZ(62.6546, 56.1885, 81.5125)

Have a look what the booklet for
XYZ(62.6546, 56.1885, 81.5125)
contains.

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Color

**XYZ(62.6474, 56.1069,
81.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B8E5
RGB	226, 184, 229
RGB Percent	89%, 72%, 90%
CMY	0.1137, 0.2784, 0.1020
CMYK	0.01, 0.20, 0.00, 0.10
HSL	296°, 46%, 81%
HSV	296°, 20%, 90%
XYZ	62.6474, 56.1069, 81.6566
YIQ	201.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

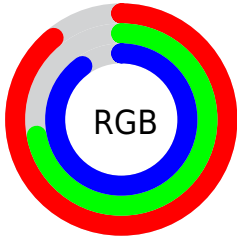
Format	Color
R _Y B	226, 184, 229
Decimal	14858469
CIE Lab	79.67, 22.75, -16.75
CIE LCh	80, 28.248, 323.629
Yxy	56.1069, 0.3126, 0.2800
Android (android.graphics.Color)	4293048549 (0xFFE2B8E5)
YUV	201.6880, 13.4648, 21.3216
Hunter-Lab	74.9045, 18.2079, -12.2014

Details

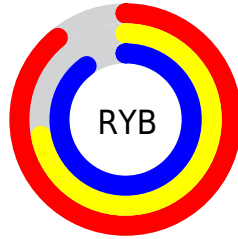
The XYZ color **62.6474, 56.1069, 81.6566** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.1666, 70.0656, 55.8612**, and the grayscale version is **55.8603, 58.7694, 63.9999**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **32.2367, 27.7958, 43.2012** is the 20% darker color. If you saturate the color by 10%, you get **57.7942, 47.1070, 80.1761**, and if you desaturate by 10%, it is **68.2783, 66.6539, 83.3964**.

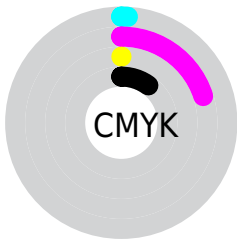
Distribution



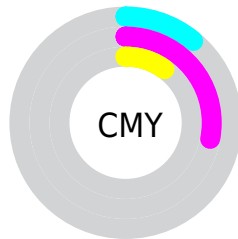
- Red (89%)
- Green (72%)
- Blue (90%)



- Red (89%)
- Yellow (72%)
- Blue (90%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)




- Cyan (11%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6474, 56.1069, 81.6566 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 62.6474, 56.1069, 81.6566 by changing the saturation by 10% instead.


 62.6474, 56.1069,
81.6566

 62.6474, 56.1069,
81.6566


423.9687,
410.0942, 520.3516

 45.8136, 40.2886,
60.5484


 107.7453, 99.1609,
137.5247

 32.3027, 27.7637,
43.4326


136.7402,
127.1653, 173.1216

 21.7495, 18.1476,
29.8908


170.5194,
160.0007, 214.3852

 13.7885, 11.0560,
19.5043

209.4483,
198.0513, 261.7339

 8.0545, 6.1045,
11.8548

253.8924,
241.7016, 315.5864

 4.1819, 2.9087,
6.5235

304.2169,

 1.8056, 1.0843,

291.3359, 376.3611

3.0921

360.7872,
347.3386, 444.4767

■ 0.5210, 0.0000,
1.1418

■ 0.0000, 0.0000,
0.0000

■ 62.6474, 56.1069,
81.6566

■ 62.6474, 56.1069,
81.6566

■ 57.7942, 47.1070,
80.1761

■ 68.2783, 66.6539,
83.3964

■ 53.6765, 39.5728,
78.9388

■ 74.7163, 78.8096,
85.4034

■ 50.2560, 33.4268,
77.9328

■ 81.9954, 92.6413,
87.6895

■ 47.4888, 28.5811,
77.1434

■ 83.2168, 94.3511,
87.9552

45.3261, 24.9381,
76.5542

83.7148, 94.6078,
87.9785

43.7121, 22.3863,
76.1467

84.2172, 94.8668,
88.0020

42.5806, 20.7932,
75.8988

84.7239, 95.1280,
88.0257

41.8217, 19.9391,
75.7740

85.2349, 95.3915,
88.0496

41.7974, 19.9135,
75.7703

85.7503, 95.6572,
88.0737

Harmonies

Analogous

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



57.8420, 56.1069, 94.5916



62.6474, 56.1069, 81.6566



64.9772, 56.1069, 64.6403

Triad

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



62.6474, 56.1069, 81.6566



54.5533, 56.1069, 34.9071



43.9049, 56.1069, 74.5534

Complementary

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



62.6474, 56.1069, 81.6566



57.1666, 70.0656, 55.8612

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.



43.1615, 56.1069, 57.6739



62.6474, 56.1069, 81.6566



49.0551, 56.1069, 36.6125

Square

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



62.6474, 56.1069, 81.6566



60.0941, 56.1069, 39.1444



44.9818, 56.1069, 44.3053



47.0897, 56.1069, 90.0064

Rectangle

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



62.6474, 56.1069, 81.6566



64.7028, 56.1069, 53.9900



44.9818, 56.1069, 44.3053



43.3710, 56.1069, 68.7885

Sweetspot

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



62.6491, 56.1093, 81.6578



89.9876, 90.4308, 107.3198



51.6828, 51.3909, 81.3251



19.1481, 19.1428, 22.9357



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.



62.6491, 56.1093, 81.6578



77.0522, 66.2090, 103.3263



61.0260, 55.5697, 68.1582



14.8953, 14.5638, 18.1704



23.9383, 11.4065, 43.3232



1.7977, 0.8577, 3.2028

Inverse Universe

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



58.4252, 54.5294, 54.4622



70.6665, 63.8263, 61.9486



58.6276, 70.5661, 67.3456



14.4158, 14.3835, 15.1238



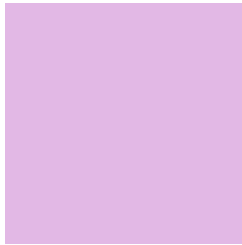
18.5408, 9.5505, 1.2108



1.3839, 0.7113, 0.1620

Previews

White Background



This preview shows how the XYZ color 62.6474, 56.1069, 81.6566 looks on a white background.

Color Contrast Check

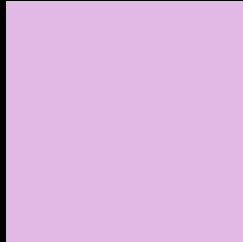
Large Text (above 18pt) WCAG AA × Fail

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 62.6474, 56.1069, 81.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

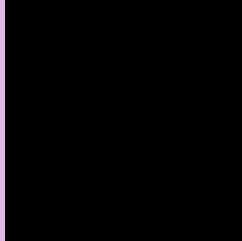
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6474, 56.1069, 81.6566

Background



This preview shows how black text looks on a background with the XYZ color 62.6474, 56.1069, 81.6566.



This preview shows how white text looks on a background with the XYZ color 62.6474, 56.1069,

81.6566.

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

62.6474, 56.1069, 81.6566

Protanopia

56.0123, 56.4131, 88.0574

Deuteranopia

57.5637, 56.3825, 80.5220



Tritanopia

59.1013, 56.2366, 64.2397

Trichromacy



Original Color

62.6474, 56.1069, 81.6566

Protanomaly

58.0580, 56.1963, 85.6289

Deuteranomaly

59.2810, 56.2772, 81.1369

Tritanomaly

60.0854, 55.9821, 69.9261

Monochromacy



Original Color

62.6474, 56.1069, 81.6566

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.2627, 57.6326, 70.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6474, 56.1069, 81.6566 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(226, 184, 229)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 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(226, 184, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 229) }
```

Border

The CSS property to change the border of an element to XYZ 62.6474, 56.1069, 81.6566 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(226, 184, 229) }
```


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

```
.border{ border-color:rgb(226, 184, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 184, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 184, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 184, 229); box-shadow:4px 4px 4px 4px rgb(226, 184, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6474, 56.1069, 81.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 184, 229) }
```

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

```
.background{ background-color: rgb(226,  
184, 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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