

Converting Colors

XYZ(64.1067, 56.2143, 83.0730)

Have a look what the booklet for
XYZ(64.1067, 56.2143, 83.0730)
contains.

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Color

**XYZ(64.1067, 56.2143,
83.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B6E7
RGB	231, 182, 231
RGB Percent	91%, 71%, 91%
CMY	0.0941, 0.2863, 0.0941
CMYK	0.00, 0.21, 0.00, 0.09
HSL	300°, 51%, 81%
HSV	300°, 21%, 91%
XYZ	64.1067, 56.2143, 83.0730
YIQ	202.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

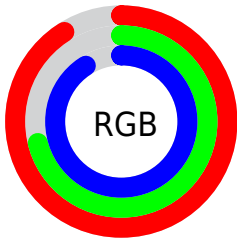
Format	Color
R _Y B	231, 182, 231
Decimal	15185639
CIE Lab	79.74, 25.84, -17.69
CIE LCh	80, 31.312, 325.598
Yxy	56.2143, 0.3152, 0.2764
Android (android.graphics.Color)	4293375719 (0xFFE7B6E7)
YUV	202.2370, 14.1802, 25.2252
Hunter-Lab	74.9762, 21.4140, -13.2095

Details

The XYZ color **64.1067, 56.2143, 83.0730** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.3130, 70.4759, 54.8941**, and the grayscale version is **56.1967, 59.1233, 64.3853**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **33.2673, 27.9096, 44.1912** is the 20% darker color. If you saturate the color by 10%, you get **59.7612, 47.5224, 81.6251**, and if you desaturate by 10%, it is **69.2359, 66.4718, 84.7835**.

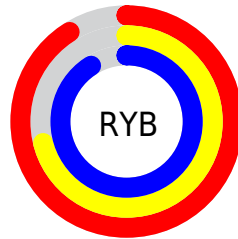
Distribution



Red (91%)

Green (71%)

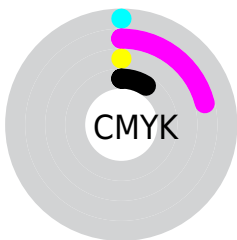
Blue (91%)



Red (91%)

Yellow (71%)

Blue (91%)

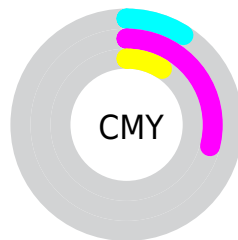


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1067, 56.2143, 83.0730 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 64.1067, 56.2143, 83.0730 by changing the saturation by 10% instead.

64.1067, 56.2143,
83.0730

64.1067, 56.2143,
83.0730

429.1710,
410.4986, 525.2072

46.9991, 40.3748,
61.7094

109.8375, 99.3178,
139.5278

33.2429, 27.8309,
44.3637

139.1913,
127.3506, 175.4562

22.4727, 18.1982,
30.6172

173.3580,
160.2166, 217.0765

14.3232, 11.0924,
20.0515

212.7029,
198.3002, 264.8074

8.4290, 6.1290,
12.2481

257.5912,
241.9858, 319.0674

4.4248, 2.9237,
6.7883

308.3885,

1.9451, 1.0920,

291.6578, 380.2750

3.2536

365.4599,
347.7006, 448.8487

■ 0.6029, 0.0000,
1.2255

■ 0.0000, 0.0000,
0.0000

■ 64.1067, 56.2143,
83.0730

■ 64.1067, 56.2143,
83.0730

■ 59.7612, 47.5224,
81.6251

■ 69.2359, 66.4718,
84.7835

■ 56.1561, 40.3121,
80.4233

■ 75.1794, 78.3587,
86.7647

■ 53.2516, 34.5032,
79.4551

■ 81.9722, 91.9442,
89.0290

■ 51.0023, 30.0045,
78.7052

■ 83.1395, 94.2788,
89.4182

49.3572, 26.7144,
78.1568

83.1395, 94.2788,
89.4182

48.2580, 24.5160,
77.7903

83.1395, 94.2788,
89.4183

47.6349, 23.2698,
77.5825

83.1395, 94.2788,
89.4184

47.3793, 22.7587,
77.4973

83.1395, 94.2788,
89.4185

83.1395, 94.2788,
89.4185

Harmonies

Analogous

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



58.8591, 56.2143, 98.3025



64.1067, 56.2143, 83.0730



66.4973, 56.2143, 63.9206

Triad

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



64.1067, 56.2143, 83.0730



54.3690, 56.2143, 32.6323



43.1946, 56.2143, 77.5246

Complementary

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



64.1067, 56.2143, 83.0730



56.3130, 70.4759, 54.8941

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.



42.1976, 56.2143, 58.5729



64.1067, 56.2143, 83.0730



48.3455, 56.2143, 34.8616

Square

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



64.1067, 56.2143, 83.0730



60.6007, 56.2143, 36.7312



44.0099, 56.2143, 43.5613



46.8485, 56.2143, 94.6812

Rectangle

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



64.1067, 56.2143, 83.0730



66.0217, 56.2143, 52.3114



44.0099, 56.2143, 43.5613



42.5506, 56.2143, 71.0597

Sweetspot

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



64.1084, 56.2167, 83.0742



90.3618, 90.6237, 107.3372



50.4456, 49.1733, 82.4350



19.2369, 19.1886, 22.9398



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.



64.1084, 56.2167, 83.0742



77.9753, 65.8507, 103.2082



60.8863, 54.9279, 66.1067



14.9952, 14.6153, 18.1750



26.5612, 12.7587, 43.4455



1.9628, 0.9428, 3.2105

Inverse Universe

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



64.1084, 56.2167, 83.0742



77.9753, 65.8507, 103.2082



59.0708, 71.5790, 69.4164



14.9952, 14.6153, 18.1750



26.5612, 12.7587, 43.4455



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 64.1067, 56.2143, 83.0730 looks on a white background.

Color Contrast Check

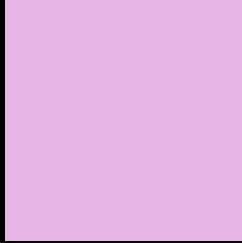
Large Text (above 18pt) WCAG AA × Fail

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 64.1067, 56.2143, 83.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

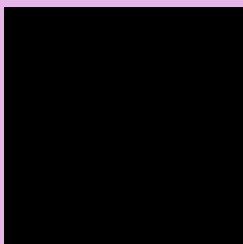
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1067, 56.2143, 83.0730

Background



This preview shows how black text looks on a background with the XYZ color 64.1067, 56.2143, 83.0730.



This preview shows how white text looks on a background with the XYZ color 64.1067, 56.2143,

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

64.1067, 56.2143, 83.0730

Protanopia

56.2071, 56.4625, 90.3740

Deuteranopia

57.5699, 56.3536, 81.9718



Tritanopia

60.1095, 56.1358, 63.5443

Trichromacy



Original Color

64.1067, 56.2143, 83.0730

Protanomaly

58.8187, 56.2134, 87.8710

Deuteranomaly

59.9211, 56.2545, 82.5629

Tritanomaly

61.3541, 55.9960, 70.5254

Monochromacy



Original Color

64.1067, 56.2143, 83.0730

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.9659, 57.9804, 71.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1067, 56.2143, 83.0730 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(231, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 182, 231)  
}
```

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(231, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 182, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.1067, 56.2143, 83.0730 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(231, 182, 231) }
```


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

```
.border{ border-color:rgb(231, 182, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 182, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 182,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1067, 56.2143, 83.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 182, 231) }
```

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

```
.background{ background-color: rgb(231,  
182, 231) }
```

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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