

Converting Colors

XYZ(65.0728, 56.4568, 81.6625)

Have a look what the booklet for
XYZ(65.0728, 56.4568, 81.6625)
contains.

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Color

**XYZ(64.9277, 56.3671,
81.5866)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB5E5
RGB	235, 181, 229
RGB Percent	92%, 71%, 90%
CMY	0.0784, 0.2902, 0.1020
CMYK	0.00, 0.23, 0.03, 0.08
HSL	307°, 57%, 82%
HSV	307°, 23%, 92%
XYZ	64.9277, 56.3671, 81.5866
YIQ	202.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

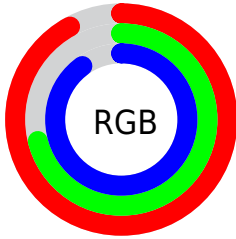
Format	Color
R _Y B	235, 181, 229
Decimal	15447525
CIE Lab	79.82, 27.33, -16.45
CIE LCh	80, 31.892, 328.960
Yxy	56.3671, 0.3200, 0.2778
Android (android.graphics.Color)	4293637605 (0xFFEBB5E5)
YUV	202.6180, 13.0063, 28.3990
Hunter-Lab	75.0780, 22.9808, -11.8753

Details

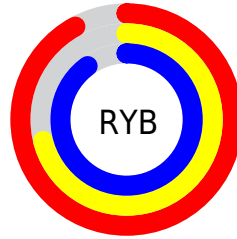
The XYZ color **64.9277, 56.3671, 81.5866** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.7363, 72.8300, 58.0315**, and the grayscale version is **56.4405, 59.3798, 64.6646**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **33.8524, 28.0392, 43.1630** is the 20% darker color. If you saturate the color by 10%, you get **60.1851, 47.4601, 78.2208**, and if you desaturate by 10%, it is **70.4852, 66.8931, 85.2524**.

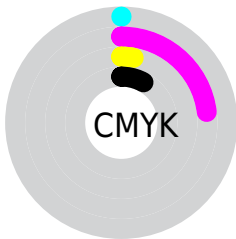
Distribution



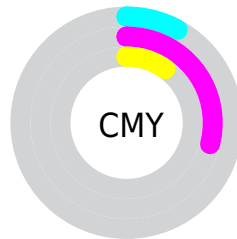
- Red (92%)
- Green (71%)
- Blue (90%)



- Red (92%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9277, 56.3671, 81.5866 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 64.9277, 56.3671, 81.5866 by changing the saturation by 10% instead.

64.9277, 56.3671,
81.5866

64.9277, 56.3671,
81.5866

432.0814,
411.0735, 520.1109

47.6669, 40.4973,
60.4910

111.0122, 99.5411,
137.4256

33.7734, 27.9265,
43.3866

140.5666,
127.6141, 173.0061

22.8816, 18.2703,
29.8550

174.9497,
160.5237, 214.2520

14.6263, 11.1442,
19.4774

214.5267,
198.6542, 261.5817

8.6422, 6.1639,
11.8354

259.6630,
242.3901, 315.4140

4.5637, 2.9450,
6.5106

310.7240,

2.0257, 1.1031,

292.1156, 376.1673

3.0842

368.0750,
348.2153, 444.2601

■ 0.6484, 0.0000,
1.1378

■ 0.0000, 0.0000,
0.0000

■ 64.9277, 56.3671,
81.5866

■ 64.9277, 56.3671,
81.5866

■ 60.1851, 47.4601,
78.2208

■ 70.4852, 66.8931,
85.2524

■ 56.2117, 40.0838,
75.1376

■ 76.8899, 79.1058,
89.2272

■ 52.9654, 34.1529,
72.3237

■ 84.1789, 93.0781,
93.5240

■ 50.3977, 29.5707,
69.7627

■ 85.6675, 95.4409,
95.9147

48.4544, 26.2285,
67.4364

86.0572, 95.5967,
97.9667

47.0728, 24.0013,
65.3239

86.4525, 95.7548,
100.0482

46.1772, 22.7373,
63.3996

86.8534, 95.9152,
102.1593

45.7560, 22.2603,
62.1332

87.2599, 96.0778,
104.3002

87.6721, 96.2427,
106.4709

Harmonies

Analogous

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



59.8118, 56.3671, 98.0214



64.9277, 56.3671, 81.5866



66.9664, 56.3671, 62.0219

Triad

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



64.9277, 56.3671, 81.5866



53.8009, 56.3671, 32.2547



43.4335, 56.3671, 80.2425

Complementary

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



64.9277, 56.3671, 81.5866



57.7363, 72.8300, 58.0315

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.



42.1000, 56.3671, 60.7310



64.9277, 56.3671, 81.5866



47.7880, 56.3671, 35.2323

Square

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



64.9277, 56.3671, 81.5866



60.2329, 56.3671, 35.6800



43.6298, 56.3671, 44.8104



47.4272, 56.3671, 97.1422

Rectangle

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



64.9277, 56.3671, 81.5866



66.1906, 56.3671, 50.5354



43.6298, 56.3671, 44.8104



42.6742, 56.3671, 73.6615

Sweetspot

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



64.9294, 56.3696, 81.5878



89.2999, 89.0082, 105.4159



51.8688, 49.5381, 85.4264



19.0130, 18.8590, 22.5009



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.



64.9294, 56.3696, 81.5878



75.0961, 62.0945, 96.0762



61.5187, 55.0053, 63.6274



15.6385, 15.2833, 18.6477



25.4947, 12.4006, 34.7360



2.0225, 0.9820, 2.8361

Inverse Universe

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



64.9294, 56.3696, 81.5878



75.0961, 62.0945, 96.0762



60.8275, 74.0665, 74.3096



15.6385, 15.2833, 18.6477



25.4947, 12.4006, 34.7360



2.0225, 0.9820, 2.8361

Previews

White Background



This preview shows how the XYZ color 64.9277, 56.3671, 81.5866 looks on a white background.

Color Contrast Check

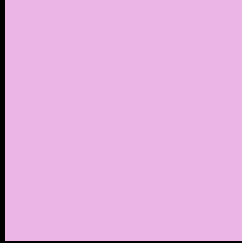
Large Text (above 18pt) WCAG AA × Fail

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 64.9277, 56.3671, 81.5866 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 64.9277, 56.3671, 81.5866

Background



This preview shows how black text looks on a background with the XYZ color 64.9277, 56.3671, 81.5866.



This preview shows how white text looks on a background with the XYZ color 64.9277, 56.3671,

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

64.9277, 56.3671, 81.5866

Protanopia

56.3062, 56.5307, 89.6052

Deuteranopia

57.8369, 56.5233, 80.5348



Tritanopia

61.0565, 56.3238, 62.9119

Trichromacy



Original Color

64.9277, 56.3671, 81.5866



Protanomaly

59.0798, 56.3816, 86.3662



Deuteranomaly

60.2255, 56.4437, 81.1193



Tritanomaly

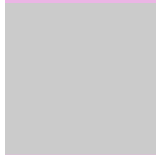
62.1771, 56.1399, 69.1870

Monochromacy



Original Color

64.9277, 56.3671, 81.5866



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.4231, 58.2308, 70.3951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9277, 56.3671, 81.5866 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(235, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 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(235, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 229) }
```

Border

The CSS property to change the border of an element to XYZ 64.9277, 56.3671, 81.5866 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(235, 181, 229) }
```


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

```
.border{ border-color:rgb(235, 181, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 181, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 181, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 181,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9277, 56.3671, 81.5866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 229) }
```

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

```
.background{ background-color: rgb(235,  
181, 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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