

Converting Colors

XYZ(64.9922, 56.2168, 83.9414)

Have a look what the booklet for
XYZ(64.9922, 56.2168, 83.9414)
contains.

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Color

**XYZ(65.0210, 56.3664,
83.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB5E8
RGB	234, 181, 232
RGB Percent	92%, 71%, 91%
CMY	0.0823, 0.2902, 0.0902
CMYK	0.00, 0.23, 0.01, 0.08
HSL	302°, 56%, 81%
HSV	302°, 23%, 92%
XYZ	65.0210, 56.3664, 83.7967
YIQ	202.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

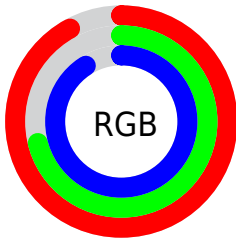
Format	Color
RYB	234, 181, 232
Decimal	15381992
CIELab	79.82, 27.54, -18.07
CIELCh	80, 32.938, 326.726
Yxy	56.3664, 0.3169, 0.2747
Android (android.graphics.Color)	4293572072 (0xFFEAB5E8)
YUV	202.6610, 14.4641, 27.4843
Hunter-Lab	75.0776, 23.2044, -13.6214

Details

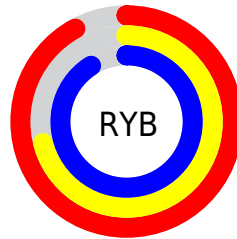
The XYZ color **65.0210, 56.3664, 83.7967** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.0284, 72.0899, 55.7119**, and the grayscale version is **56.4593, 59.3995, 64.6861**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **33.9157, 28.0379, 44.6986** is the 20% darker color. If you saturate the color by 10%, you get **60.5322, 47.5881, 81.6836**, and if you desaturate by 10%, it is **70.3129, 66.7480, 86.1819**.

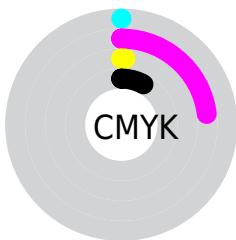
Distribution



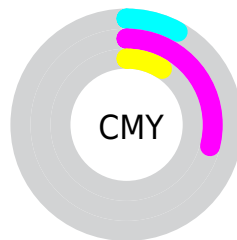
- Red (92%)
- Green (71%)
- Blue (91%)



- Red (92%)
- Yellow (71%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0210, 56.3664, 83.7967 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 65.0210, 56.3664, 83.7967 by changing the saturation by 10% instead.


 65.0210, 56.3664,
83.7967

 65.0210, 56.3664,
83.7967


432.4115,
411.0709, 527.6783

 47.7429, 40.4968,
62.3032


 111.1456, 99.5401,
140.5499

 33.8337, 27.9261,
44.8404


140.7228,
127.6129, 176.6468

 22.9282, 18.2699,
30.9897

175.1303,
160.5223, 218.4484

 14.6609, 11.1440,
20.3326

214.7336,
198.6526, 266.3735

 8.6665, 6.1638,
12.4506

259.8980,
242.3882, 320.8404

 4.5797, 2.9449,
6.9251

310.9889,

 2.0350, 1.1030,

292.1135, 382.2679

3.3375

368.3716,
348.2129, 451.0743

■ 0.6535, 0.0000,
1.2695

■ 0.0000, 0.0000,
0.0366

■ 65.0210, 56.3664,
83.7967

■ 65.0210, 56.3664,
83.7967

■ 60.5322, 47.5881,
81.6836

■ 70.3129, 66.7480,
86.1819

■ 56.8015, 40.3260,
79.8257


■ 76.4400, 78.7998,
88.8479


■ 53.7873, 34.4958,
78.2097


■ 83.4386, 92.5937,
91.8076


■ 51.4419, 30.0023,
76.8198


■ 84.7648, 95.0417,
92.8795


 49.7118, 26.7384,
75.6380


 84.8931, 95.0930,
93.5554


 48.5354, 24.5809,
74.6439


 85.0221, 95.1446,
94.2345

 47.8383, 23.3809,
73.8127

 85.1517, 95.1965,
94.9171

 47.5458, 22.9381,
73.2768

 85.2819, 95.2486,
95.6030

 85.4128, 95.3009,
96.2922

Harmonies

Analogous

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



59.5480, 56.3664, 100.3451



65.0210, 56.3664, 83.7967



67.4170, 56.3664, 63.4941

Triad

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



65.0210, 56.3664, 83.7967



54.3100, 56.3664, 31.5358



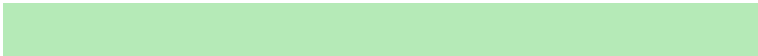
42.9225, 56.3664, 79.4062

Complementary

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



65.0210, 56.3664, 83.7967



57.0284, 72.0899, 55.7119

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.



41.7698, 56.3664, 59.3005



65.0210, 56.3664, 83.7967



48.0146, 56.3664, 34.0786

Square

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



65.0210, 56.3664, 83.7967



60.9190, 56.3664, 35.5147



43.5571, 56.3664, 43.3562



46.8455, 56.3664, 97.4632

Rectangle

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



65.0210, 56.3664, 83.7967



66.8112, 56.3664, 51.4038



43.5571, 56.3664, 43.3562



42.2130, 56.3664, 72.5554

Sweetspot

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



65.0227, 56.3689, 83.7979



89.5093, 89.0920, 106.5189



50.8507, 49.0299, 84.6265



19.0616, 18.8784, 22.7572



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.



65.0227, 56.3689, 83.7979



76.4649, 63.4948, 100.6549



61.5657, 54.9861, 65.5936



15.6888, 15.3034, 18.9126



26.7289, 12.8942, 41.2352



2.1066, 1.0156, 3.2784

Inverse Universe

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



65.0227, 56.3689, 83.7979



76.4649, 63.4948, 100.6549



60.0226, 73.2876, 71.4793



15.6888, 15.3034, 18.9126



26.7289, 12.8942, 41.2352



2.1066, 1.0156, 3.2784

Previews

White Background



This preview shows how the XYZ color 65.0210, 56.3664, 83.7967 looks on a white background.

Color Contrast Check

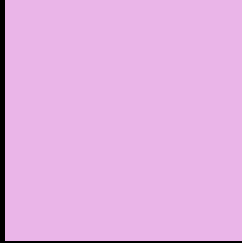
Large Text (above 18pt) WCAG AA × Fail

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 65.0210, 56.3664, 83.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

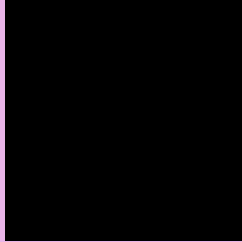
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0210, 56.3664, 83.7967

Background



This preview shows how black text looks on a background with the XYZ color 65.0210, 56.3664, 83.7967.



This preview shows how white text looks on a background with the XYZ color 65.0210, 56.3664,

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

65.0210, 56.3664, 83.7967

Protanopia

56.5060, 56.5820, 91.9476

Deuteranopia

57.7100, 56.4097, 82.7094



Tritanopia

60.9461, 56.5807, 62.9673

Trichromacy



Original Color

65.0210, 56.3664, 83.7967

Protanomaly

59.2403, 56.4138, 88.6556

Deuteranomaly

60.3530, 56.4609, 83.3184

Tritanomaly

62.1876, 56.4403, 69.9038

Monochromacy



Original Color

65.0210, 56.3664, 83.7967

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.3843, 58.1814, 71.7186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0210, 56.3664, 83.7967 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(234, 181, 232)` looks like.

```
.text, #text, p{  
    color:rgb(234, 181, 232)  
}
```

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(234, 181, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 181, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.0210, 56.3664, 83.7967 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(234, 181, 232) }
```


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

```
.border{ border-color:rgb(234, 181, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 181, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 181, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 181, 232);  
box-shadow:4px 4px 4px 4px rgb(234, 181,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0210, 56.3664, 83.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 181, 232) }
```

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

```
.background{ background-color: rgb(234,  
181, 232) }
```

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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