

Converting Colors

XYZ(63.2364, 55.0373, 84.8648)

Have a look what the booklet for
XYZ(63.2364, 55.0373, 84.8648)
contains.

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Color

**XYZ(63.4856, 55.2410,
85.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B4EA
RGB	229, 180, 234
RGB Percent	90%, 71%, 92%
CMY	0.1020, 0.2941, 0.0823
CMYK	0.02, 0.23, 0.00, 0.08
HSL	294°, 56%, 81%
HSV	294°, 23%, 92%
XYZ	63.4856, 55.2410, 85.1584
YIQ	200.8070, 11.8700, 27.1820

Conversions

Conversions Part 2

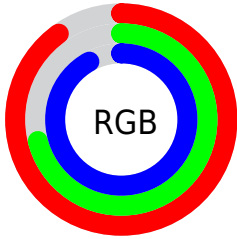
Format	Color
R _Y B	229, 180, 234
Decimal	15054058
CIE Lab	79.18, 26.81, -20.17
CIE LCh	79, 33.547, 323.050
Yxy	55.2410, 0.3114, 0.2709
Android (android.graphics.Color)	4293244138 (0xFFE5B4EA)
YUV	200.8070, 16.3641, 24.7253
Hunter-Lab	74.3243, 22.4019, -15.9056

Details

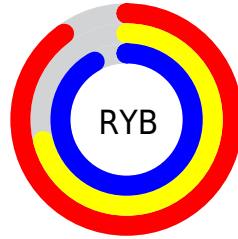
The XYZ color **63.4856, 55.2410, 85.1584** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.6705, 72.4566, 54.1287**, and the grayscale version is **55.2960, 58.1757, 63.3534**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **32.8588, 27.2773, 45.6527** is the 20% darker color. If you saturate the color by 10%, you get **58.4682, 46.2251, 83.6834**, and if you desaturate by 10%, it is **69.3125, 65.8610, 86.9020**.

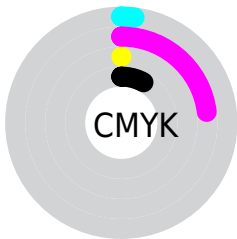
Distribution



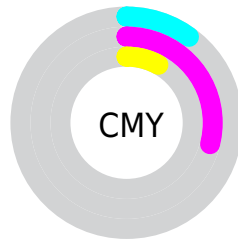
- Red (90%)
- Green (71%)
- Blue (92%)



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



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4856, 55.2410, 85.1584 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 63.4856, 55.2410, 85.1584 by changing the saturation by 10% instead.


 63.4856, 55.2410,
85.1584

 63.4856, 55.2410,
85.1584


426.9614,
406.8248, 532.3103

 46.4943, 39.5947,
63.4214


 108.9477, 97.8940,
142.4706

 32.8423, 27.2227,
45.7390

138.1491,
125.6694, 178.8828

 22.1643, 17.7405,
31.6927


172.1514,
158.2567, 221.0239

 14.0950, 10.7639,
20.8640

211.3197,
196.0403, 269.3123

 8.2689, 5.9083,
12.8344

256.0195,
239.4045, 324.1666

 4.3207, 2.7894,
7.1852

306.6162,

 1.8851, 1.0228,

288.7337, 386.0053

3.4980

363.4750,
344.4124, 455.2471

■ 0.5682, 0.0000,
1.3542

■ 0.0000, 0.0000,
0.1056

■ 63.4856, 55.2410,
85.1584

■ 63.4856, 55.2410,
85.1584

■ 58.4682, 46.2251,
83.6834

■ 69.3125, 65.8610,
86.9020

■ 54.2151, 38.7261,
82.4601

■ 75.9810, 78.1523,
88.9230

■ 50.6844, 32.6593,
81.4752

■ 83.5276, 92.1871,
91.2342

■ 47.8284, 27.9289,
80.7127

■ 85.7600, 95.5803,
91.7715

45.5931, 24.4275,
80.1547

86.4905, 95.9569,
91.8057

43.9164, 22.0308,
79.7804

87.2298, 96.3380,
91.8403

42.7233, 20.5886,
79.5649

87.9779, 96.7237,
91.8753

42.0995, 19.9875,
79.4818

88.7349, 97.1139,
91.9107

89.5007, 97.5087,
91.9466

Harmonies

Analogous

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



57.7112, 55.2410, 100.8762



63.4856, 55.2410, 85.1584



66.3564, 55.2410, 64.7228

Triad

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



63.4856, 55.2410, 85.1584



54.0789, 55.2410, 30.4591



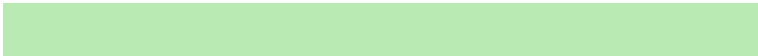
41.5224, 55.2410, 75.7780

Complementary

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



63.4856, 55.2410, 85.1584



57.6705, 72.4566, 54.1287

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.



40.7291, 55.2410, 55.7941



63.4856, 55.2410, 85.1584



47.6216, 55.2410, 32.1897

Square

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



63.4856, 55.2410, 85.1584



60.6342, 55.2410, 35.2224



42.8695, 55.2410, 40.5874



45.1368, 55.2410, 94.7059

Rectangle

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



63.4856, 55.2410, 85.1584



66.0785, 55.2410, 52.1972



42.8695, 55.2410, 40.5874



40.9304, 55.2410, 68.8679

Sweetspot

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



63.4873, 55.2434, 85.1596



89.0122, 88.8232, 107.0609



51.1087, 50.5119, 84.8988



18.9461, 18.8160, 22.8832



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.



63.4873, 55.2434, 85.1596



73.9570, 61.3627, 102.5540



62.1888, 54.9110, 69.8752



15.5693, 15.2388, 19.0430



23.7147, 11.2613, 44.6667



1.9024, 0.9050, 3.5093

Inverse Universe

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



59.0117, 53.6401, 53.1448



67.6149, 59.1020, 56.6803



58.8604, 72.7956, 66.5799



15.1221, 15.0767, 15.9283



19.1671, 9.8695, 1.4155



1.5244, 0.7827, 0.2131

Previews

White Background



This preview shows how the XYZ color 63.4856, 55.2410, 85.1584 looks on a white background.

Color Contrast Check

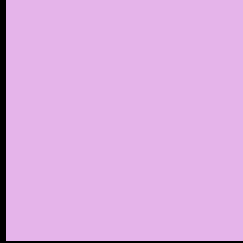
Large Text (above 18pt) WCAG AA × Fail

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 63.4856, 55.2410, 85.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

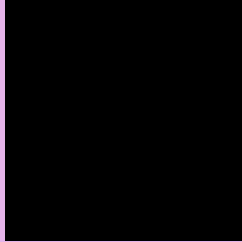
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4856, 55.2410, 85.1584

Background



This preview shows how black text looks on a background with the XYZ color 63.4856, 55.2410, 85.1584.



This preview shows how white text looks on a background with the XYZ color 63.4856, 55.2410,

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

63.4856, 55.2410, 85.1584

Protanopia

55.6285, 55.4295, 93.3550

Deuteranopia

56.7038, 55.5312, 84.0739



Tritanopia

58.8420, 55.1822, 62.8083

Trichromacy



Original Color

63.4856, 55.2410, 85.1584

Protanomaly

58.0132, 55.1040, 90.0166

Deuteranomaly

58.9857, 55.4049, 84.6761

Tritanomaly

60.5148, 55.2538, 70.4264

Monochromacy



Original Color

63.4856, 55.2410, 85.1584

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.9442, 56.7929, 70.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4856, 55.2410, 85.1584 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(229, 180, 234)` looks like.

```
.text, #text, p{  
    color:rgb(229, 180, 234)  
}
```

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(229, 180, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 180, 234) }
```

Border

The CSS property to change the border of an element to XYZ 63.4856, 55.2410, 85.1584 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(229, 180, 234) }
```


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

```
.border{ border-color:rgb(229, 180, 234) }
```

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

Here you see how a box with a 4 pixel rgb(229, 180, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 180, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 180, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 180,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4856, 55.2410, 85.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 180, 234) }
```

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

```
.background{ background-color: rgb(229,  
180, 234) }
```

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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