

Converting Colors

XYZ(63.7433, 55.8783, 81.9226)

Have a look what the booklet for
XYZ(63.7433, 55.8783, 81.9226)
contains.

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Color

**XYZ(63.7618, 55.7498,
82.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B5E6
RGB	231, 181, 230
RGB Percent	91%, 71%, 90%
CMY	0.0941, 0.2902, 0.0980
CMYK	0.00, 0.22, 0.00, 0.09
HSL	301°, 51%, 81%
HSV	301°, 22%, 91%
XYZ	63.7618, 55.7498, 82.2631
YIQ	201.5360, 14.0710, 25.8390

Conversions

Conversions Part 2

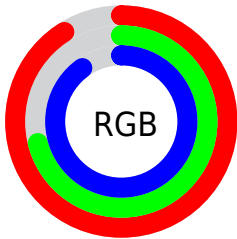
Format	Color
R _Y B	231, 181, 230
Decimal	15185382
CIE Lab	79.47, 26.19, -17.55
CIE LCh	79, 31.525, 326.169
Yxy	55.7498, 0.3160, 0.2763
Android (android.graphics.Color)	4293375462 (0xFFE7B5E6)
YUV	201.5360, 14.0328, 25.8399
Hunter-Lab	74.6658, 21.7672, -13.0568

Details

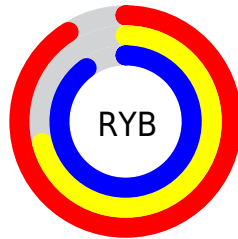
The XYZ color **63.7618, 55.7498, 82.2631** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0777, 70.3547, 54.8832**, and the grayscale version is **55.7609, 58.6648, 63.8859**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **33.0383, 27.6083, 43.6320** is the 20% darker color. If you saturate the color by 10%, you get **59.3844, 47.0978, 80.4847**, and if you desaturate by 10%, it is **68.9215, 65.9642, 84.3043**.

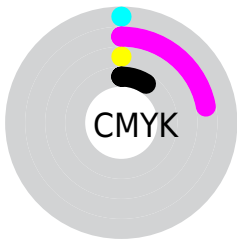
Distribution



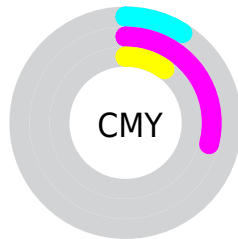
- Red (91%)
- Green (71%)
- Blue (90%)



- Red (91%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7618, 55.7498, 82.2631 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 63.7618, 55.7498, 82.2631 by changing the saturation by 10% instead.


 63.7618, 55.7498,
82.2631

 63.7618, 55.7498,
82.2631


427.9448,
408.7479, 522.4339

 46.7187, 40.0024,
61.0453


 109.3435, 98.6387,
138.3829

 33.0204, 27.5404,
43.8310

138.6128,
126.5489, 174.1220

 22.3014, 17.9795,
30.2014


172.6882,
159.2821, 215.5387

 14.1963, 10.9353,
19.7382

211.9352,
197.2228, 263.0514

 8.3400, 6.0233,
12.0227

256.7189,
240.7554, 317.0787

 4.3669, 2.8593,
6.6364

307.4049,

 1.9117, 1.0587,

290.2641, 378.0392

3.1608

364.3584,
346.1335, 446.3514

■ 0.5836, 0.0000,
1.1773

■ 0.0000, 0.0000,
0.0000

■ 63.7618, 55.7498,
82.2631

■ 63.7618, 55.7498,
82.2631

■ 59.3844, 47.0978,
80.4847

■ 68.9215, 65.9642,
84.3043

■ 55.7458, 39.9241,
78.9528

■ 74.8941, 77.8051,
86.6168

■ 52.8062, 34.1481,
77.6548

■ 81.7148, 91.3419,
89.2128

■ 50.5198, 29.6782,
76.5753

■ 83.2597, 94.3269,
90.0510

48.8355, 26.4122,
75.6974

83.3254, 94.3532,
90.3970

47.6945, 24.2326,
75.0015

83.3913, 94.3795,
90.7440

47.0263, 22.9984,
74.4640

83.4574, 94.4059,
91.0918

46.7351, 22.5010,
74.1045

83.5236, 94.4324,
91.4406

83.5900, 94.4590,
91.7902

Harmonies

Analogous

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



58.5427, 55.7498, 97.6918



63.7618, 55.7498, 82.2631



66.0915, 55.7498, 63.0621

Triad

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



63.7618, 55.7498, 82.2631



53.8063, 55.7498, 32.1297



42.7932, 55.7498, 77.4190

Complementary

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



63.7618, 55.7498, 82.2631



56.0777, 70.3547, 54.8832

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.



41.7430, 55.7498, 58.4016



63.7618, 55.7498, 82.2631



47.7972, 55.7498, 34.4727

Square

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



63.7618, 55.7498, 82.2631



60.0617, 55.7498, 36.0955



43.5027, 55.7498, 43.2817



46.4937, 55.7498, 94.5267

Rectangle

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



63.7618, 55.7498, 82.2631



65.5662, 55.7498, 51.4987



43.5027, 55.7498, 43.2817



42.1319, 55.7498, 70.9414

Sweetspot

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



63.7635, 55.7522, 82.2643



90.3126, 90.6040, 107.0779



50.2022, 48.7448, 82.3652



19.2252, 19.1839, 22.8783



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.



63.7635, 55.7522, 82.2643



77.2102, 64.6611, 101.9033



60.5204, 54.4550, 65.1864



14.9820, 14.6100, 18.1057



26.2058, 12.6166, 41.5745



1.9405, 0.9339, 3.0933

Inverse Universe

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



63.7635, 55.7522, 82.2643



77.2102, 64.6611, 101.9033



58.8761, 71.4741, 69.6196



14.9820, 14.6100, 18.1057



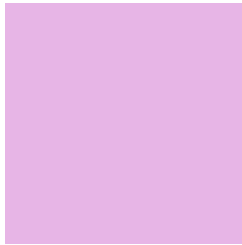
26.2058, 12.6166, 41.5745



1.9405, 0.9339, 3.0933

Previews

White Background



This preview shows how the XYZ color 63.7618, 55.7498, 82.2631 looks on a white background.

Color Contrast Check

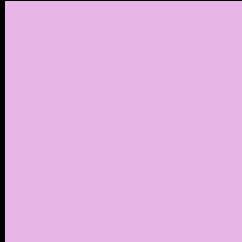
Large Text (above 18pt) WCAG AA × Fail

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 63.7618, 55.7498, 82.2631 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 63.7618, 55.7498, 82.2631

Background



This preview shows how black text looks on a background with the XYZ color 63.7618, 55.7498, 82.2631.



This preview shows how white text looks on a background with the XYZ color 63.7618, 55.7498,

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

63.7618, 55.7498, 82.2631

Protanopia

55.7368, 55.8863, 90.2876

Deuteranopia

57.2103, 55.8573, 81.1650



Tritanopia

59.7801, 55.6658, 62.8522

Trichromacy



Original Color

63.7618, 55.7498, 82.2631

Protanomaly

58.1824, 55.5796, 87.0183

Deuteranomaly

59.5666, 55.7697, 81.7539

Tritanomaly

61.0191, 55.5284, 69.7894

Monochromacy



Original Color

63.7618, 55.7498, 82.2631

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.6160, 57.4832, 70.2933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7618, 55.7498, 82.2631 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, 181, 230)` looks like.

```
.text, #text, p{  
    color:rgb(231, 181, 230)  
}
```

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, 181, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 181, 230) }
```

Border

The CSS property to change the border of an element to XYZ 63.7618, 55.7498, 82.2631 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, 181, 230) }
```


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

```
.border{ border-color:rgb(231, 181, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 181, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 181, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 181, 230);  
box-shadow:4px 4px 4px 4px rgb(231, 181,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7618, 55.7498, 82.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 181, 230) }
```

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

```
.background{ background-color: rgb(231,  
181, 230) }
```

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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