

Converting Colors

XYZ(61.7400, 55.5127, 81.9565)

Have a look what the booklet for
XYZ(61.7400, 55.5127, 81.9565)
contains.

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Color

**XYZ(61.8548, 55.6821,
82.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB8E6
RGB	223, 184, 230
RGB Percent	87%, 72%, 90%
CMY	0.1255, 0.2784, 0.0980
CMYK	0.03, 0.20, 0.00, 0.10
HSL	291°, 48%, 81%
HSV	291°, 20%, 90%
XYZ	61.8548, 55.6821, 82.3505
YIQ	200.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

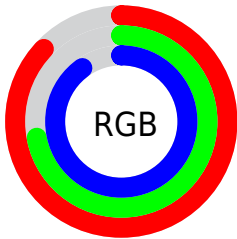
Format	Color
R _Y B	223, 184, 230
Decimal	14661862
CIE Lab	79.43, 21.95, -17.68
CIE LCh	79, 28.183, 321.141
Yxy	55.6821, 0.3094, 0.2786
Android (android.graphics.Color)	4292851942 (0xFFDFB8E6)
YUV	200.9050, 14.3438, 19.3773
Hunter-Lab	74.6204, 17.3775, -13.1976

Details

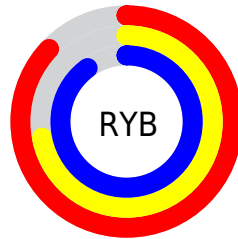
The XYZ color **61.8548, 55.6821, 82.3505** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.4364, 71.1321, 56.0001**, and the grayscale version is **55.3702, 58.2538, 63.4384**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.6926, 27.5041, 43.6828** is the 20% darker color. If you saturate the color by 10%, you get **56.3933, 46.3426, 80.8365**, and if you desaturate by 10%, it is **68.1187, 66.5913, 84.1269**.

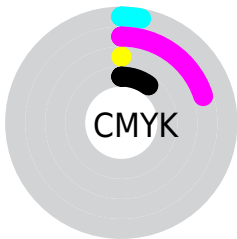
Distribution



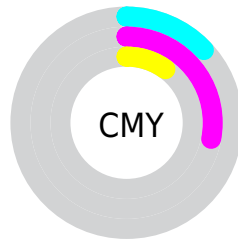
- Red (87%)
- Green (72%)
- Blue (90%)



- Red (87%)
- Yellow (72%)
- Blue (90%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8548, 55.6821, 82.3505 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 61.8548, 55.6821, 82.3505 by changing the saturation by 10% instead.

61.8548, 55.6821,
82.3505

61.8548, 55.6821,
82.3505

421.1273,
408.4924, 522.7335

45.1705, 39.9481,
61.1170

106.6068, 98.5396,
138.5065

31.7936, 27.4981,
43.8884

135.4052,
126.4319, 174.2661

21.3587, 17.9476,
30.2462

168.9724,
159.1458, 215.7047

13.5004, 10.9124,
19.7719

207.6737,
197.0656, 263.2411

7.8534, 6.0080,
12.0469

251.8745,
240.5758, 317.2936

4.0523, 2.8499,
6.6527

301.9401,

1.7318, 1.0539,

290.0607, 378.2808

3.1707

358.2359,
345.9048, 446.6213

■ 0.4760, 0.0000,
1.1825

■ 0.0000, 0.0000,
0.0000

■ 61.8548, 55.6821,
82.3505

■ 61.8548, 55.6821,
82.3505

■ 56.3933, 46.3426,
80.8365

■ 68.1187, 66.5913,
84.1269

■ 51.6915, 38.4907,
79.5687

■ 75.2150, 79.1330,
86.1737

■ 47.7105, 32.0474,
78.5349

■ 83.1784, 93.3754,
88.5030

■ 44.4054, 26.9238,
77.7201

■ 84.9688, 95.2381,
88.7682

41.7268, 23.0205,
77.1079

86.1489, 95.8465,
88.8234

39.6176, 20.2243,
76.6793

87.3520, 96.4667,
88.8797

38.0105, 18.4001,
76.4119

88.5782, 97.0988,
88.9371

36.7890, 17.3155,
76.2669

89.8276, 97.7429,
88.9956

36.7888, 17.3154,
76.2669

91.1002, 98.3990,
89.0551

Harmonies

Analogous

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



56.9452, 55.6821, 94.5750



61.8548, 55.6821, 82.3505



64.4165, 55.6821, 65.5540

Triad

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



61.8548, 55.6821, 82.3505



54.6172, 55.6821, 34.7617



43.4127, 55.6821, 72.5728

Complementary

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



61.8548, 55.6821, 82.3505



58.4364, 71.1321, 56.0001

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.



42.8870, 55.6821, 55.9558



61.8548, 55.6821, 82.3505



49.0970, 55.6821, 35.9659

Square

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



61.8548, 55.6821, 82.3505



60.0468, 55.6821, 39.4608



44.8974, 55.6821, 43.1073



46.3883, 55.6821, 88.2672

Rectangle

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



61.8548, 55.6821, 82.3505



64.3308, 55.6821, 54.8058



44.8974, 55.6821, 43.1073



42.9524, 55.6821, 66.8494

Sweetspot

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



61.8565, 55.6845, 82.3517



89.5104, 90.1848, 107.2974



52.8289, 53.4591, 82.3980



19.0349, 19.0845, 22.9304



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.



61.8565, 55.6845, 82.3517



75.1935, 65.2508, 103.2393



61.9982, 55.9955, 71.6078



14.7683, 14.4983, 18.1644



20.9112, 9.8460, 43.1815



1.6039, 0.7578, 3.1937

Inverse Universe

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



59.1795, 54.8680, 56.7643



71.2803, 64.0718, 65.1809



58.4135, 70.9244, 64.8493



14.4659, 14.4036, 15.3881



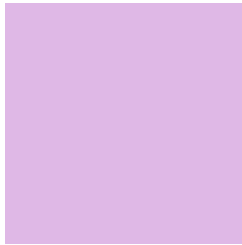
18.6748, 9.6041, 1.9164



1.4078, 0.7208, 0.2878

Previews

White Background



This preview shows how the XYZ color 61.8548, 55.6821, 82.3505 looks on a white background.

Color Contrast Check

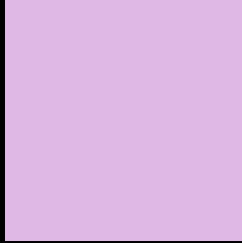
Large Text (above 18pt) WCAG AA × Fail

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 61.8548, 55.6821, 82.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

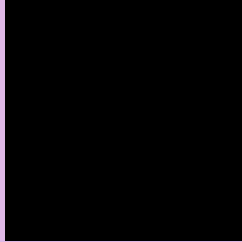
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8548, 55.6821, 82.3505

Background



This preview shows how black text looks on a background with the XYZ color 61.8548, 55.6821, 82.3505.



This preview shows how white text looks on a background with the XYZ color 61.8548, 55.6821,

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

61.8548, 55.6821, 82.3505

Protanopia

55.6868, 55.8946, 88.7427

Deuteranopia

56.9406, 55.7182, 81.1524



Tritanopia

58.1905, 55.7671, 64.1971

Trichromacy



Original Color

61.8548, 55.6821, 82.3505

Protanomaly

57.7136, 55.6773, 86.3022

Deuteranomaly

58.6349, 55.6076, 81.7717

Tritanomaly

59.2958, 55.5604, 70.5498

Monochromacy



Original Color

61.8548, 55.6821, 82.3505

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.6933, 57.3390, 70.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8548, 55.6821, 82.3505 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(223, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 184, 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(223, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 184, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.8548, 55.6821, 82.3505 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(223, 184, 230) }
```


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

```
.border{ border-color:rgb(223, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 184,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8548, 55.6821, 82.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 184, 230) }
```

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

```
.background{ background-color: rgb(223,  
184, 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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