

Converting Colors

XYZ(63.8154, 58.3930, 80.2188)

Have a look what the booklet for
XYZ(63.8154, 58.3930, 80.2188)
contains.

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Color

**XYZ(63.7413, 58.2721,
80.5612)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BDE3
RGB	227, 189, 227
RGB Percent	89%, 74%, 89%
CMY	0.1098, 0.2588, 0.1098
CMYK	0.00, 0.17, 0.00, 0.11
HSL	300°, 40%, 82%
HSV	300°, 17%, 89%
XYZ	63.7413, 58.2721, 80.5612
YIQ	204.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

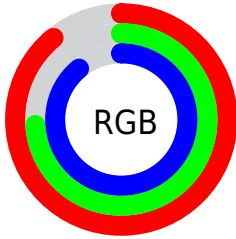
Format	Color
R _Y B	227, 189, 227
Decimal	14925283
CIE _{Lab}	80.89, 20.03, -13.84
CIE _{LCh}	81, 24.343, 325.350
Y _{xy}	58.2721, 0.3147, 0.2877
Android (android.graphics.Color)	4293115363 (0xFFE3BDE3)
YUV	204.6940, 10.9969, 19.5624
Hunter-Lab	76.3362, 15.4606, -9.1363

Details

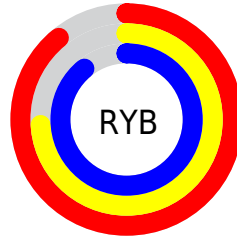
The XYZ color **63.7413, 58.2721, 80.5612** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.6429, 69.4329, 58.5110**, and the grayscale version is **57.7632, 60.7714, 66.1800**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **32.9050, 28.9644, 42.8861** is the 20% darker color. If you saturate the color by 10%, you get **59.2360, 49.2607, 79.0600**, and if you desaturate by 10%, it is **69.0143, 68.8170, 82.3197**.

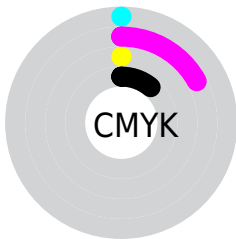
Distribution



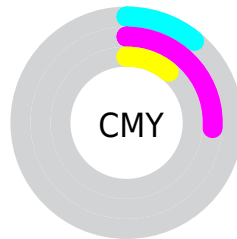
- Red (89%)
- Green (74%)
- Blue (89%)



- Red (89%)
- Yellow (74%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7413, 58.2721, 80.5612 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 63.7413, 58.2721, 80.5612 by changing the saturation by 10% instead.

 63.7413, 58.2721,
80.5612

 63.7413, 58.2721,
80.5612


427.8719,
418.1991, 516.5787

 46.7021, 42.0274,
59.6514


 109.3141,
102.3190, 135.9730

 33.0072, 29.1228,
42.7143

138.5784,
130.8900, 171.3120

 22.2912, 19.1737,
29.3312


172.6484,
164.3386, 212.2979

 14.1888, 11.7959,
19.0838

211.8895,
203.0492, 259.3492

 8.3347, 6.6048,
11.5534

256.6670,
247.4061, 312.8843

 4.3634, 3.2162,
6.3215

307.3464,

 1.9097, 1.2456,

297.7938, 373.3219

2.9696

364.2929,
354.5967, 441.0805

■ 0.5825, 0.0985,
1.0792

■ 0.0000, 0.0000,
0.0000

■ 63.7413, 58.2721,
80.5612

■ 63.7413, 58.2721,
80.5612

■ 59.2360, 49.2607,
79.0600

■ 69.0143, 68.8170,
82.3197

■ 55.4578, 41.7042,
77.8004

■ 75.0828, 80.9540,
84.3427

■ 52.3700, 35.5288,
76.7710

■ 81.3045, 93.3973,
86.4167

■ 49.9311, 30.6509,
75.9578

■ 81.3045, 93.3973,
86.4169

48.0946, 26.9780,
75.3455

81.3045, 93.3973,
86.4171

46.8084, 24.4056,
74.9166

81.3046, 93.3974,
86.4173

46.0111, 22.8110,
74.6507

81.3046, 93.3974,
86.4174

45.6245, 22.0379,
74.5217

81.3046, 93.3974,
86.4176

45.5441, 21.8772,
74.4948

81.3047, 93.3974,
86.4178

Harmonies

Analogous

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



59.6369, 58.2721, 91.9604



63.7413, 58.2721, 80.5612



65.6107, 58.2721, 65.7236

Triad

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



63.7413, 58.2721, 80.5612



56.1747, 58.2721, 39.6235



47.0864, 58.2721, 76.0804

Complementary

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



63.7413, 58.2721, 80.5612



57.6429, 69.4329, 58.5110

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.



46.2827, 58.2721, 61.2264



63.7413, 58.2721, 80.5612



51.3419, 58.2721, 41.5382

Square

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



63.7413, 58.2721, 80.5612



61.0769, 58.2721, 43.2567



47.7945, 58.2721, 48.9487



50.0599, 58.2721, 89.1107

Rectangle

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



63.7413, 58.2721, 80.5612



65.2602, 58.2721, 56.3855



47.7945, 58.2721, 48.9487



46.5615, 58.2721, 71.0778

Sweetspot

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



63.7430, 58.2746, 80.5625



91.1166, 92.1332, 107.5888



53.0515, 52.7630, 80.0624



19.3889, 19.4928, 22.9905



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.



63.7430, 58.2746, 80.5625



80.8828, 71.6657, 104.1772



61.2633, 57.2827, 67.5044



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4449



1.9628, 0.9428, 3.2104

Inverse Universe

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



63.7430, 58.2746, 80.5625



80.8828, 71.6657, 104.1772



59.8426, 70.3128, 70.0943



14.9952, 14.6153, 18.1750



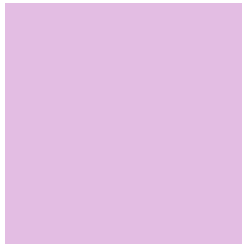
26.5610, 12.7586, 43.4449



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 63.7413, 58.2721, 80.5612 looks on a white background.

Color Contrast Check

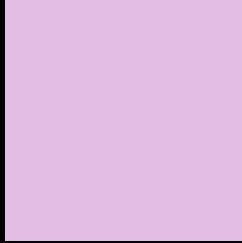
Large Text (above 18pt) WCAG AA × Fail

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 63.7413, 58.2721, 80.5612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

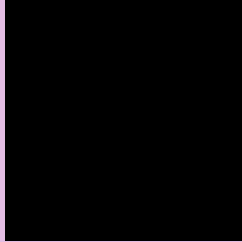
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7413, 58.2721, 80.5612

Background



This preview shows how black text looks on a background with the XYZ color 63.7413, 58.2721, 80.5612.



This preview shows how white text looks on a background with the XYZ color 63.7413, 58.2721,

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

63.7413, 58.2721, 80.5612

Protanopia

57.7804, 58.3895, 86.0668

Deuteranopia

59.7619, 58.5262, 80.0984



Tritanopia

60.8526, 58.0516, 67.0293

Trichromacy



Original Color

63.7413, 58.2721, 80.5612

Protanomaly

59.6710, 58.0651, 83.6640

Deuteranomaly

61.1163, 58.2298, 79.9698

Tritanomaly

61.8197, 58.1242, 71.5792

Monochromacy



Original Color

63.7413, 58.2721, 80.5612

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.8742, 59.7971, 71.3371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7413, 58.2721, 80.5612 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(227, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 227)  
}
```

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(227, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 227) }
```

Border

The CSS property to change the border of an element to XYZ 63.7413, 58.2721, 80.5612 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(227, 189, 227) }
```


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

```
.border{ border-color:rgb(227, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 189, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 189, 227); box-shadow:4px 4px 4px 4px rgb(227, 189, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7413, 58.2721, 80.5612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 227) }
```

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

```
.background{ background-color: rgb(227,  
189, 227) }
```

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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