

Converting Colors

XYZ(62.1763, 57.8709, 77.6642)

Have a look what the booklet for
XYZ(62.1763, 57.8709, 77.6642)
contains.

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Color

**XYZ(62.1642, 57.8426,
77.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBEDF
RGB	223, 190, 223
RGB Percent	87%, 75%, 87%
CMY	0.1255, 0.2549, 0.1255
CMYK	0.00, 0.15, 0.00, 0.13
HSL	300°, 34%, 81%
HSV	300°, 15%, 87%
XYZ	62.1642, 57.8426, 77.7004
YIQ	203.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

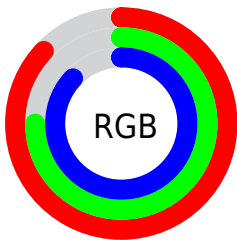
Format	Color
R _Y B	223, 190, 223
Decimal	14663391
CIE Lab	80.65, 17.41, -12.08
CIE LCh	81, 21.197, 325.241
Yxy	57.8426, 0.3144, 0.2926
Android (android.graphics.Color)	4292853471 (0xFFDFBEDF)
YUV	203.6290, 9.5499, 16.9884
Hunter-Lab	76.0543, 12.8047, -7.3352

Details

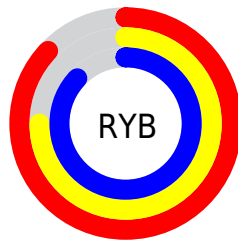
The XYZ color **62.1642, 57.8426, 77.7004** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.9194, 67.4420, 58.7359**, and the grayscale version is **57.0996, 60.0732, 65.4197**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **32.1620, 29.0433, 40.9566** is the 20% darker color. If you saturate the color by 10%, you get **57.6995, 48.9124, 76.2127**, and if you desaturate by 10%, it is **67.3713, 68.2557, 79.4369**.

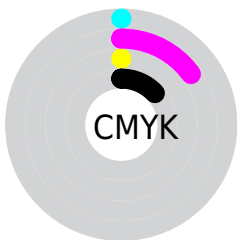
Distribution



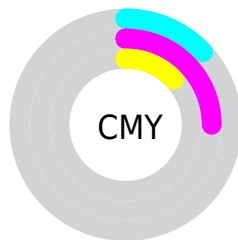
- Red (87%)
- Green (75%)
- Blue (87%)



- Red (87%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1642, 57.8426, 77.7004 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 62.1642, 57.8426, 77.7004 by changing the saturation by 10% instead.

62.1642, 57.8426,
77.7004

62.1642, 57.8426,
77.7004

422.2378,
416.5992, 506.6497

45.4215, 41.6821,
57.3129

107.0514,
101.6936, 131.9097

31.9922, 28.8525,
40.8455

135.9266,
130.1529, 166.5686

21.5111, 18.9692,
27.8796

169.5767,
163.4807, 206.8218

13.6127, 11.6481,
17.9967

208.3670,
202.0612, 253.0877

7.9317, 6.5045,
10.7782

252.6630,
246.2789, 305.7849

4.1027, 3.1542,
5.8056

302.8298,

1.7604, 1.2128,

296.5182, 365.3319

2.6604

359.2330,
353.1635, 432.1473

■ 0.4936, 0.0721,
0.9234

■ 0.0000, 0.0000,
0.0000

■ 62.1642, 57.8426,
77.7004

■ 62.1642, 57.8426,
77.7004

■ 57.6995, 48.9124,
76.2127

■ 67.3713, 68.2557,
79.4369

■ 53.9387, 41.3907,
74.9589

■ 73.3469, 80.2070,
81.4290

■ 50.8472, 35.2078,
73.9283

■ 79.5115, 92.5361,
83.4840

■ 48.3860, 30.2854,
73.1077

■ 79.5115, 92.5361,
83.4841

46.5116, 26.5367,
72.4827

79.5115, 92.5361,
83.4843

45.1753, 23.8641,
72.0371

79.5116, 92.5361,
83.4845

44.3204, 22.1545,
71.7520

79.5116, 92.5361,
83.4847

43.8778, 21.2693,
71.6043

79.5116, 92.5361,
83.4848

43.7511, 21.0159,
71.5620

79.5117, 92.5361,
83.4850

Harmonies

Analogous

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



58.6344, 57.8426, 87.3165



62.1642, 57.8426, 77.7004



63.7717, 57.8426, 64.9957

Triad

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



62.1642, 57.8426, 77.7004



55.6768, 57.8426, 41.9379



47.7311, 57.8426, 73.7953

Complementary

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



62.1642, 57.8426, 77.7004



56.9194, 67.4420, 58.7359

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.



47.0317, 57.8426, 61.0079



62.1642, 57.8426, 77.7004



51.4762, 57.8426, 43.6473

Square

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



62.1642, 57.8426, 77.7004



59.9021, 57.8426, 45.2274



48.3675, 57.8426, 50.2484



50.3308, 57.8426, 84.8609

Rectangle

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



62.1642, 57.8426, 77.7004



63.4782, 57.8426, 56.8717



48.3675, 57.8426, 50.2484



47.2720, 57.8426, 69.5124

Sweetspot

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



62.1659, 57.8451, 77.7016



91.8819, 93.6639, 107.8439



52.9705, 53.1047, 77.2716



19.5431, 19.8010, 23.0419



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.



62.1659, 57.8451, 77.7016



82.1149, 74.1300, 104.5879



60.0483, 56.9981, 66.5505



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Inverse Universe

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



62.1659, 57.8451, 77.7016



82.1149, 74.1300, 104.5879



58.8264, 68.2047, 68.7780



14.2951, 13.9357, 17.3241



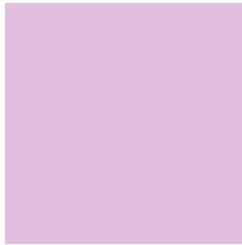
25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 62.1642, 57.8426, 77.7004 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 62.1642, 57.8426, 77.7004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

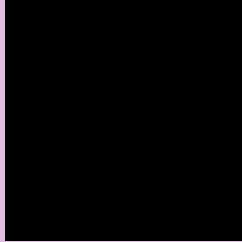
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1642, 57.8426, 77.7004

Background



This preview shows how black text looks on a background with the XYZ color 62.1642, 57.8426, 77.7004.



This preview shows how white text looks on a background with the XYZ color 62.1642, 57.8426,

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

62.1642, 57.8426, 77.7004

Protanopia

57.0720, 58.1061, 82.3363

Deuteranopia

59.2783, 58.0058, 77.1792



Tritanopia

60.2739, 58.0661, 67.7056

Trichromacy



Original Color

62.1642, 57.8426, 77.7004

Protanomaly

58.7819, 58.0050, 80.7710

Deuteranomaly

60.2791, 57.8609, 77.0985

Tritanomaly

60.9841, 58.0330, 70.9381

Monochromacy



Original Color

62.1642, 57.8426, 77.7004

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.0453, 59.3989, 69.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1642, 57.8426, 77.7004 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, 190, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 190, 223)  
}
```

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, 190, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 190, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.1642, 57.8426, 77.7004 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, 190, 223) }
```


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

```
.border{ border-color:rgb(223, 190, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 190, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 190, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 190, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 190,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1642, 57.8426, 77.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 190, 223) }
```

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

```
.background{ background-color: rgb(223,  
190, 223) }
```

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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