

Converting Colors

XYZ(60.9750, 58.2251, 77.0267)

Have a look what the booklet for
XYZ(60.9750, 58.2251, 77.0267)
contains.

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Color

**XYZ(60.8701, 58.1656,
77.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C1DE
RGB	217, 193, 222
RGB Percent	85%, 76%, 87%
CMY	0.1490, 0.2431, 0.1294
CMYK	0.02, 0.13, 0.00, 0.13
HSL	290°, 31%, 81%
HSV	290°, 13%, 87%
XYZ	60.8701, 58.1656, 77.1261
YIQ	203.4820, 4.9950, 14.1070

Conversions

Conversions Part 2

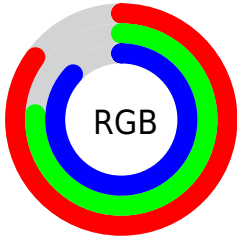
Format	Color
R_{YB}	217, 193, 222
Decimal	14270942
CIE _{Lab}	80.83, 13.61, -11.33
CIE _{LCh}	81, 17.709, 320.209
Yxy	58.1656, 0.3103, 0.2965
Android (android.graphics.Color)	4292461022 (0xFFD9C1DE)
YUV	203.4820, 9.1294, 11.8553
Hunter-Lab	76.2664, 8.9992, -6.5719

Details

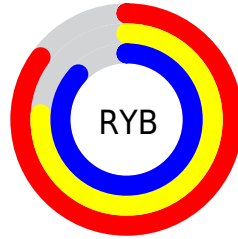
The XYZ color **60.8701, 58.1656, 77.1261** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.0377, 68.1000, 60.4880**, and the grayscale version is **57.0114, 59.9804, 65.3187**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **31.1080, 28.9366, 40.5050** is the 20% darker color. If you saturate the color by 10%, you get **55.2021, 48.4983, 75.5597**, and if you desaturate by 10%, it is **67.3046, 69.3248, 78.9418**.

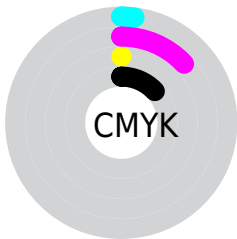
Distribution



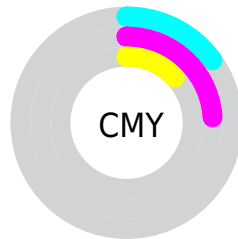
- Red (85%)
- Green (76%)
- Blue (87%)



- Red (85%)
- Yellow (76%)
- Blue (87%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8701, 58.1656, 77.1261 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 60.8701, 58.1656, 77.1261 by changing the saturation by 10% instead.

60.8701, 58.1656,
77.1261

60.8701, 58.1656,
77.1261

417.5811,
417.8027, 504.6429

44.3725, 41.9418,
56.8442

105.1900,
102.1640, 131.0921

31.1626, 29.0557,
40.4716

133.7430,
130.7073, 165.6133

20.8751, 19.1230,
27.5899

167.0452,
164.1260, 205.7180

13.1447, 11.7592,
17.7804

205.4619,
202.8044, 251.8247

7.6060, 6.5799,
10.6246

249.3585,
247.1268, 304.3520

3.8935, 3.2008,
5.7040

299.1003,

1.6421, 1.2374,

297.4778, 363.7185

2.6001

355.0527,
354.2416, 430.3426

■ 0.4196, 0.0920,
0.8925

■ 0.0000, 0.0000,
0.0000

■ 60.8701, 58.1656,
77.1261

■ 60.8701, 58.1656,
77.1261

■ 55.2021, 48.4983,
75.5597

■ 67.3046, 69.3248,
78.9418

■ 50.2626, 40.2499,
74.2280

■ 74.5312, 82.0298,
81.0132

■ 46.0178, 33.3524,
73.1203

■ 81.0939, 93.3674,
82.8557

■ 42.4295, 27.7293,
72.2241

■ 82.3253, 94.0022,
82.9133

39.4552, 23.2964,
71.5252

83.5837, 94.6509,
82.9722

37.0478, 19.9593,
71.0080

84.8693, 95.3137,
83.0324

35.1526, 17.6090,
70.6542

86.1824, 95.9906,
83.0938

33.7037, 16.1139,
70.4420

87.5230, 96.6817,
83.1566

32.8861, 15.4303,
70.3531

88.8914, 97.3871,
83.2206

Harmonies

Analogous

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



57.7514, 58.1656, 84.1908



60.8701, 58.1656, 77.1261



62.5133, 58.1656, 66.8219

Triad

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



60.8701, 58.1656, 77.1261



56.4900, 58.1656, 45.4758



48.9402, 58.1656, 70.5528

Complementary

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



60.8701, 58.1656, 77.1261



59.0377, 68.1000, 60.4880

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.



48.6359, 58.1656, 59.9667



60.8701, 58.1656, 77.1261



52.8892, 58.1656, 46.2395

Square

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



60.8701, 58.1656, 77.1261



59.9117, 58.1656, 49.0744



50.0518, 58.1656, 51.2900



50.9022, 58.1656, 80.1149

Rectangle

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



60.8701, 58.1656, 77.1261



62.5036, 58.1656, 59.8271



50.0518, 58.1656, 51.2900



48.6441, 58.1656, 66.9721

Sweetspot

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



60.8718, 58.1681, 77.1274



91.2379, 93.3318, 107.8138



55.4461, 57.1472, 77.2163



19.3794, 19.7167, 23.0342



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.



60.8718, 58.1681, 77.1274



80.8463, 75.3646, 104.8935



61.1829, 58.4668, 70.8910



14.0510, 13.8098, 17.3127



19.6169, 9.2082, 41.7918



1.4217, 0.6702, 2.8997

Inverse Universe

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



59.3892, 57.7493, 61.4454



78.4197, 74.6874, 78.8536



58.7980, 67.8544, 65.9916



13.8032, 13.7389, 14.7339



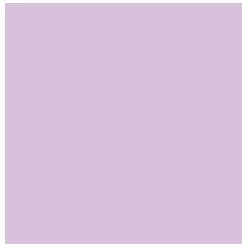
18.1319, 9.3197, 2.0942



1.2860, 0.6577, 0.2990

Previews

White Background



This preview shows how the XYZ color 60.8701, 58.1656, 77.1261 looks on a white background.

Color Contrast Check

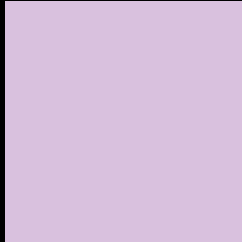
Large Text (above 18pt) WCAG AA × Fail

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 60.8701, 58.1656, 77.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

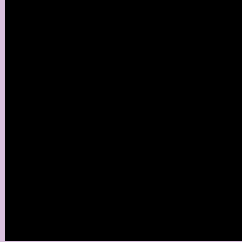
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8701, 58.1656, 77.1261

Background



This preview shows how black text looks on a background with the XYZ color 60.8701, 58.1656, 77.1261.



This preview shows how white text looks on a background with the XYZ color 60.8701, 58.1656,

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

60.8701, 58.1656, 77.1261

Protanopia

57.1768, 58.2082, 80.1733

Deuteranopia

59.5639, 58.1530, 77.1925



Tritanopia

59.1723, 58.1304, 69.0743

Trichromacy



Original Color

60.8701, 58.1656, 77.1261

Protanomaly

58.4587, 58.2061, 79.3880

Deuteranomaly

59.9172, 58.0036, 77.1451

Tritanomaly

59.7483, 58.0375, 71.6716

Monochromacy



Original Color

60.8701, 58.1656, 77.1261

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.0687, 58.9099, 69.2830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8701, 58.1656, 77.1261 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(217, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 222)  
}
```

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(217, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.8701, 58.1656, 77.1261 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(217, 193, 222) }
```


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

```
.border{ border-color:rgb(217, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8701, 58.1656, 77.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 193, 222) }
```

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

```
.background{ background-color: rgb(217,  
193, 222) }
```

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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