

Converting Colors

XYZ(61.8087, 56.6813, 76.3765)

Have a look what the booklet for
XYZ(61.8087, 56.6813, 76.3765)
contains.

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Color

**XYZ(61.8728, 56.7687,
76.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BBDD
RGB	225, 187, 221
RGB Percent	88%, 73%, 87%
CMY	0.1176, 0.2666, 0.1333
CMYK	0.00, 0.17, 0.02, 0.12
HSL	306°, 39%, 81%
HSV	306°, 17%, 88%
XYZ	61.8728, 56.7687, 76.1030
YIQ	202.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

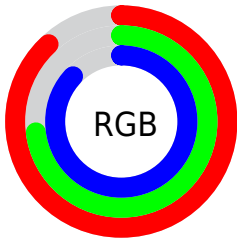
Format	Color
R _Y B	225, 187, 221
Decimal	14793693
CIE Lab	80.05, 19.33, -11.89
CIE LCh	80, 22.693, 328.405
Yxy	56.7687, 0.3177, 0.2915
Android (android.graphics.Color)	4292983773 (0xFFE1BBDD)
YUV	202.2380, 9.2497, 19.9623
Hunter-Lab	75.3450, 14.7292, -7.1450

Details

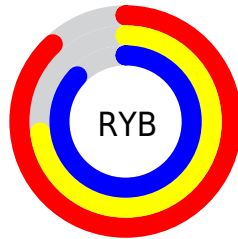
The XYZ color **61.8728, 56.7687, 76.1030** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.8249, 68.1784, 59.4581**, and the grayscale version is **56.2280, 59.1562, 64.4211**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **31.7702, 28.2384, 39.8525** is the 20% darker color. If you saturate the color by 10%, you get **57.1556, 47.8350, 72.9850**, and if you desaturate by 10%, it is **67.3456, 67.2048, 79.4961**.

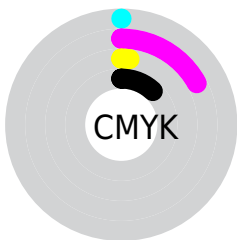
Distribution



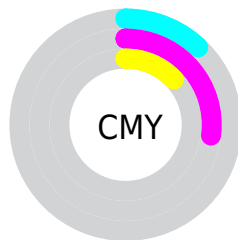
- Red (88%)
- Green (73%)
- Blue (87%)



- Red (88%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8728, 56.7687, 76.1030 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 61.8728, 56.7687, 76.1030 by changing the saturation by 10% instead.

61.8728, 56.7687,
76.1030

61.8728, 56.7687,
76.1030

421.1919,
412.5820, 501.0564

45.1851, 40.8196,
56.0098

106.6326,
100.1276, 129.6339

31.8052, 28.1781,
39.8067

135.4355,
128.3062, 163.9087

21.3676, 18.4600,
27.0753

169.0076,
161.3300, 203.7478

13.5069, 11.2807,
17.3968

207.7140,
199.5835, 249.5697

7.8579, 6.2560,
10.3529

251.9204,
243.4511, 301.7930

4.0552, 3.0014,
5.5249

301.9919,

1.7334, 1.1324,

293.3171, 360.8362

2.4943

358.2940,
349.5659, 427.1178

■ 0.4771, 0.0055,
0.8372

■ 0.0000, 0.0000,
0.0000

■ 61.8728, 56.7687,
76.1030

■ 61.8728, 56.7687,
76.1030

■ 57.1556, 47.8350,
72.9850

■ 67.3456, 67.2048,
79.4961

■ 53.1543, 40.3268,
70.1269

■ 73.6015, 79.2008,
83.1717

■ 49.8330, 34.1716,
67.5173

■ 80.6728, 92.8202,
87.1412

■ 47.1508, 29.2876,
65.1424

■ 81.1617, 93.2677,
88.9388

45.0625, 25.5842,
62.9870

81.4976, 93.4021,
90.7077

43.5166, 22.9588,
61.0340

81.8380, 93.5383,
92.5006

42.4531, 21.2912,
59.2632

82.1831, 93.6763,
94.3175

41.7945, 20.4265,
57.6487

82.5327, 93.8161,
96.1585

41.6313, 20.2396,
57.1644

82.8869, 93.9578,
98.0237

Harmonies

Analogous

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



58.2887, 56.7687, 86.9652



61.8728, 56.7687, 76.1030



63.3210, 56.7687, 62.5214

Triad

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



61.8728, 56.7687, 76.1030



54.2043, 56.7687, 39.7312



46.5227, 56.7687, 74.7045

Complementary

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



61.8728, 56.7687, 76.1030



56.8249, 68.1784, 59.4581

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.



45.5648, 56.7687, 61.1069



61.8728, 56.7687, 76.1030



49.8453, 56.7687, 42.0460

Square

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



61.8728, 56.7687, 76.1030



58.7402, 56.7687, 42.5954



46.7468, 56.7687, 49.4315



49.4407, 56.7687, 86.0802

Rectangle

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



61.8728, 56.7687, 76.1030



62.8212, 56.7687, 54.1306



46.7468, 56.7687, 49.4315



45.9684, 56.7687, 70.1866

Sweetspot

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



61.8745, 56.7712, 76.1042



90.9012, 92.0470, 106.4546



52.7991, 52.0303, 78.4951



19.3364, 19.4718, 22.7138



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.



61.8745, 56.7712, 76.1042



80.0303, 71.3247, 99.6883



59.5080, 55.8246, 63.6425



14.2296, 13.9095, 16.9792



24.0155, 11.6732, 33.0769



1.6827, 0.8164, 2.3881

Inverse Universe

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



61.8745, 56.7712, 76.1042



80.0303, 71.3247, 99.6883



59.0287, 69.0599, 71.0628



14.2296, 13.9095, 16.9792



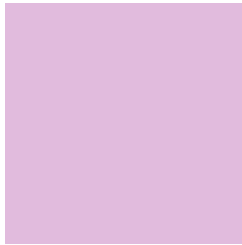
24.0155, 11.6732, 33.0769



1.6827, 0.8164, 2.3881

Previews

White Background



This preview shows how the XYZ color 61.8728, 56.7687, 76.1030 looks on a white background.

Color Contrast Check

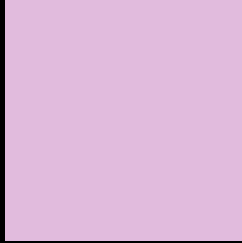
Large Text (above 18pt) WCAG AA × Fail

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 61.8728, 56.7687, 76.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

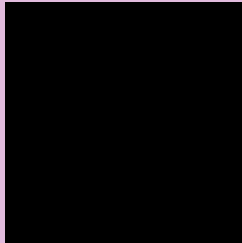
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8728, 56.7687, 76.1030

Background



This preview shows how black text looks on a background with the XYZ color 61.8728, 56.7687, 76.1030.



This preview shows how white text looks on a background with the XYZ color 61.8728, 56.7687,

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

61.8728, 56.7687, 76.1030

Protanopia

56.2180, 57.0033, 81.4385

Deuteranopia

58.0007, 56.7171, 75.6007



Tritanopia

59.8643, 56.9227, 65.5896

Trichromacy



Original Color

61.8728, 56.7687, 76.1030

Protanomaly

57.8374, 56.5553, 79.1021

Deuteranomaly

59.2806, 56.7251, 75.5347

Tritanomaly

60.6959, 56.9456, 69.4206

Monochromacy



Original Color

61.8728, 56.7687, 76.1030

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.0532, 58.2376, 68.5028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8728, 56.7687, 76.1030 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(225, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 187, 221)  
}
```

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(225, 187, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 187, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.8728, 56.7687, 76.1030 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(225, 187, 221) }
```


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

```
.border{ border-color:rgb(225, 187, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 187, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 187,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8728, 56.7687, 76.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 187, 221) }
```

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

```
.background{ background-color: rgb(225,  
187, 221) }
```

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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