

Converting Colors

XYZ(61.8070, 58.6794, 75.7788)

Have a look what the booklet for
XYZ(61.8070, 58.6794, 75.7788)
contains.

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Color

**XYZ(61.8070, 58.6794,
75.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC1DC
RGB	221, 193, 220
RGB Percent	87%, 76%, 86%
CMY	0.1333, 0.2431, 0.1373
CMYK	0.00, 0.13, 0.00, 0.13
HSL	302°, 29%, 81%
HSV	302°, 13%, 87%
XYZ	61.8070, 58.6794, 75.7788
YIQ	204.4500, 8.0210, 14.3330

Conversions

Conversions Part 2

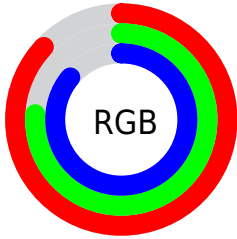
Format	Color
R_{YB}	221, 193, 220
Decimal	14533084
CIE _{Lab}	81.12, 14.58, -9.80
CIE _{LCh}	81, 17.569, 326.099
Yxy	58.6794, 0.3149, 0.2990
Android (android.graphics.Color)	4292723164 (0xFFDDC1DC)
YUV	204.4500, 7.6661, 14.5143
Hunter-Lab	76.6025, 9.9691, -5.0307

Details

The XYZ color **61.8070, 58.6794, 75.7788** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.5886, 66.9470, 60.9289**, and the grayscale version is **57.6301, 60.6313, 66.0275**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.7500, 29.2888, 39.5772** is the 20% darker color. If you saturate the color by 10%, you get **57.1783, 49.5879, 73.7219**, and if you desaturate by 10%, it is **67.1697, 69.2362, 78.0842**.

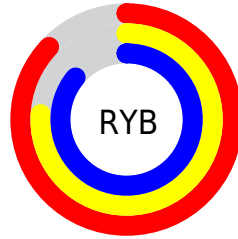
Distribution



Red (87%)

Green (76%)

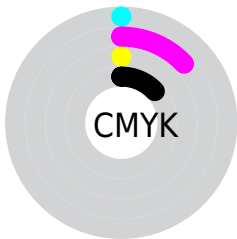
Blue (86%)



Red (87%)

Yellow (76%)

Blue (86%)

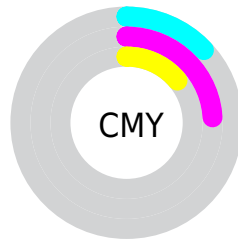


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8070, 58.6794, 75.7788 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 61.8070, 58.6794, 75.7788 by changing the saturation by 10% instead.

61.8070, 58.6794,
75.7788

61.8070, 58.6794,
75.7788

420.9555,
419.7128, 499.9168

45.1318, 42.3551,
55.7456

106.5381,
102.9116, 129.1714

31.7630, 29.3794,
39.5963

135.3246,
131.5882, 163.3679

21.3352, 19.3680,
26.9126

168.8790,
165.1511, 203.1225

13.4831, 11.9365,
17.2757

207.5665,
203.9846, 248.8538

7.8413, 6.7005,
10.2672

251.7526,
248.4731, 300.9803

4.0445, 3.2755,
5.4686

301.8025,

1.7274, 1.2772,

299.0011, 359.9207

2.4612

358.0817,
355.9528, 426.0933

■ 0.4733, 0.1234,
0.8195

■ 0.0000, 0.0000,
0.0000

■ 61.8070, 58.6794,
75.7788

■ 61.8070, 58.6794,
75.7788

■ 57.1783, 49.5879,
73.7219

■ 67.1697, 69.2362,
78.0842

■ 53.2460, 41.8897,
71.8989

■ 73.2915, 81.3112,
80.6443

■ 49.9774, 35.5177,
70.2995

■ 78.8136, 92.1861,
83.0071

■ 47.3346, 30.3968,
68.9112

■ 78.9199, 92.2287,
83.5669

45.2763, 26.4440,
67.7201

79.0268, 92.2714,
84.1295

43.7561, 23.5665,
66.7108

79.1341, 92.3143,
84.6946

42.7204, 21.6575,
65.8655

79.2419, 92.3574,
85.2623

42.1050, 20.5880,
65.1626

79.3502, 92.4008,
85.8327

41.8430, 20.1819,
64.7119

79.4590, 92.4443,
86.4057

Harmonies

Analogous

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



58.9197, 58.6794, 83.7082



61.8070, 58.6794, 75.7788



63.0766, 58.6794, 65.2701

Triad

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



61.8070, 58.6794, 75.7788



56.2522, 58.6794, 45.8540



49.7013, 58.6794, 73.1540

Complementary

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



61.8070, 58.6794, 75.7788



57.5886, 66.9470, 60.9289

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.



49.0561, 58.6794, 62.5332



61.8070, 58.6794, 75.7788



52.7404, 58.6794, 47.4792

Square

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



61.8070, 58.6794, 75.7788



59.7823, 58.6794, 48.6108



50.1451, 58.6794, 53.3180



51.9471, 58.6794, 82.0805

Rectangle

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



61.8070, 58.6794, 75.7788



62.7958, 58.6794, 58.4758



50.1451, 58.6794, 53.3180



49.2944, 58.6794, 69.6325

Sweetspot

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



61.8087, 58.6819, 75.7801



91.8233, 93.6404, 107.5353



54.3547, 54.8239, 76.1248



19.5282, 19.7951, 22.9634



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.



61.8087, 58.6819, 75.7801



83.8192, 77.8892, 104.0750



60.0394, 57.9742, 66.4629



13.5932, 13.2664, 16.3852



24.3163, 11.7275, 37.6410



1.5817, 0.7623, 2.4724

Inverse Universe

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



61.8087, 58.6819, 75.7801



83.8192, 77.8892, 104.0750



59.2278, 67.6027, 69.5605



13.5932, 13.2664, 16.3852



24.3163, 11.7275, 37.6410



1.5817, 0.7623, 2.4724

Previews

White Background



This preview shows how the XYZ color 61.8070, 58.6794, 75.7788 looks on a white background.

Color Contrast Check

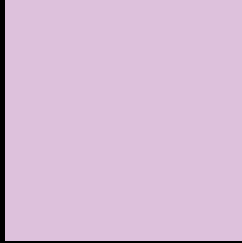
Large Text (above 18pt) WCAG AA × Fail

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 61.8070, 58.6794, 75.7788 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

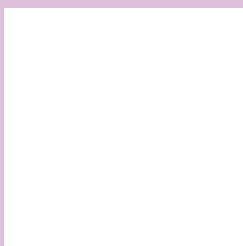
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8070, 58.6794, 75.7788

Background



This preview shows how black text looks on a background with the XYZ color 61.8070, 58.6794, 75.7788.



This preview shows how white text looks on a background with the XYZ color 61.8070, 58.6794,

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

61.8070, 58.6794, 75.7788

Protanopia

57.3975, 58.6961, 78.8253

Deuteranopia

59.9667, 58.7405, 75.1953



Tritanopia

60.6632, 58.8990, 69.1441

Trichromacy



Original Color

61.8070, 58.6794, 75.7788

Protanomaly

58.7391, 58.3820, 77.9850

Deuteranomaly

60.6202, 58.7436, 75.1615

Tritanomaly

60.9446, 58.6543, 71.7276

Monochromacy



Original Color

61.8070, 58.6794, 75.7788

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8655, 59.6633, 69.3864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8070, 58.6794, 75.7788 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(221, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 193, 220)  
}
```

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(221, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 193, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.8070, 58.6794, 75.7788 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(221, 193, 220) }
```


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

```
.border{ border-color:rgb(221, 193, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 193,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8070, 58.6794, 75.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 193, 220) }
```

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

```
.background{ background-color: rgb(221,  
193, 220) }
```

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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