

Converting Colors

XYZ(62.1124, 58.8368, 75.7931)

Have a look what the booklet for
XYZ(62.1124, 58.8368, 75.7931)
contains.

XYZ(62.1124, 58.8368, 75.7931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1124, 58.8368,
75.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC1DC
RGB	222, 193, 220
RGB Percent	87%, 76%, 86%
CMY	0.1294, 0.2431, 0.1373
CMYK	0.00, 0.13, 0.01, 0.13
HSL	304°, 31%, 81%
HSV	304°, 13%, 87%
XYZ	62.1124, 58.8368, 75.7931
YIQ	204.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

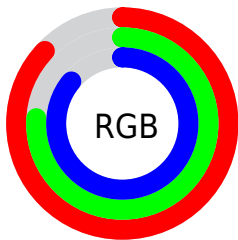
Format	Color
R _Y B	222, 193, 220
Decimal	14598620
CIE Lab	81.20, 14.92, -9.66
CIE LCh	81, 17.775, 327.077
Yxy	58.8368, 0.3157, 0.2991
Android (android.graphics.Color)	4292788700 (0xFFDEC1DC)
YUV	204.7490, 7.5187, 15.1291
Hunter-Lab	76.7051, 10.3073, -4.8914

Details

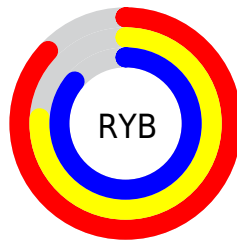
The XYZ color **62.1124, 58.8368, 75.7931** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.9662, 67.5218, 61.6107**, and the grayscale version is **57.8202, 60.8314, 66.2454**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.9605, 29.3973, 39.5871** is the 20% darker color. If you saturate the color by 10%, you get **57.3672, 49.6686, 73.2159**, and if you desaturate by 10%, it is **67.5996, 69.4842, 78.6281**.

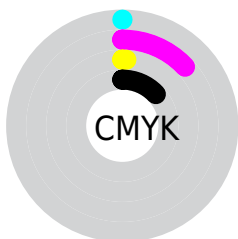
Distribution



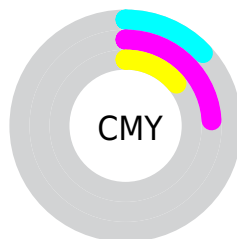
- Red (87%)
- Green (76%)
- Blue (86%)



- Red (87%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1124, 58.8368, 75.7931 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 62.1124, 58.8368, 75.7931 by changing the saturation by 10% instead.


 62.1124, 58.8368,
75.7931

 62.1124, 58.8368,
75.7931


422.0520,
420.2969, 499.9671

 45.3795, 42.4818,
55.7572


 106.9770,
103.1404, 129.1918

 31.9590, 29.4787,
39.6056


135.8394,
131.8578, 163.3917

 21.4856, 19.4433,
26.9197


169.4756,
165.4648, 203.1501

 13.5939, 11.9910,
17.2811

208.2510,
204.3457, 248.8854

 7.9185, 6.7375,
10.2710

252.5310,
248.8849, 301.0162

 4.0942, 3.2985,
5.4711

302.6809,

 1.7556, 1.2895,

299.4670, 359.9611

2.4627

359.0662,
356.4761, 426.1385

■ 0.4907, 0.1330,
0.8203

■ 0.0000, 0.0000,
0.0000

■ 62.1124, 58.8368,
75.7931

■ 62.1124, 58.8368,
75.7931

■ 57.3672, 49.6686,
73.2159

■ 67.5996, 69.4842,
78.6281

■ 53.3260, 41.9064,
70.8819

■ 73.8542, 81.6643,
81.7275

■ 49.9555, 35.4825,
68.7806

■ 79.4200, 92.4640,
84.6064

■ 47.2173, 30.3204,
66.8991

■ 79.6295, 92.5477,
85.7092

45.0694, 26.3359,
65.2235

79.8407, 92.6323,
86.8218

43.4647, 23.4348,
63.7379

80.0539, 92.7175,
87.9443

42.3487, 21.5083,
62.4243

80.2690, 92.8035,
89.0768

41.6557, 20.4248,
61.2607

80.4859, 92.8903,
90.2192

41.3490, 20.0196,
60.5166

80.7048, 92.9779,
91.3716

Harmonies

Analogous

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



59.2254, 58.8368, 83.9811



62.1124, 58.8368, 75.7931



63.3363, 58.8368, 65.1083

Triad

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



62.1124, 58.8368, 75.7931



56.2863, 58.8368, 45.7859



49.8216, 58.8368, 73.7971

Complementary

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



62.1124, 58.8368, 75.7931



57.9662, 67.5218, 61.6107

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.



49.1113, 58.8368, 63.0295



62.1124, 58.8368, 75.7931



52.7449, 58.8368, 47.5735

Square

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



62.1124, 58.8368, 75.7931



59.8809, 58.8368, 48.4309



50.1584, 58.8368, 53.6107



52.1427, 58.8368, 82.7423

Rectangle

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



62.1124, 58.8368, 75.7931



63.0060, 58.8368, 58.2617



50.1584, 58.8368, 53.6107



49.3911, 58.8368, 70.2377

Sweetspot

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



62.1141, 58.8394, 75.7944



91.7688, 93.6186, 107.2485



54.7458, 55.0100, 76.8408



19.5143, 19.7895, 22.8905



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.



62.1141, 58.8394, 75.7944



82.9374, 76.4945, 102.6435



60.2841, 58.1073, 66.1576



14.2521, 13.9185, 17.0976



24.5772, 11.8979, 36.0348



1.7160, 0.8297, 2.5632

Inverse Universe

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



62.1141, 58.8394, 75.7944



82.9374, 76.4945, 102.6435



59.6780, 68.2065, 70.6250



14.2521, 13.9185, 17.0976



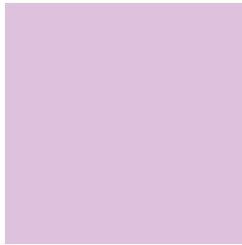
24.5772, 11.8979, 36.0348



1.7160, 0.8297, 2.5632

Previews

White Background



This preview shows how the XYZ color 62.1124, 58.8368, 75.7931 looks on a white background.

Color Contrast Check

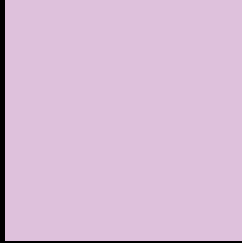
Large Text (above 18pt) WCAG AA × Fail

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 62.1124, 58.8368, 75.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

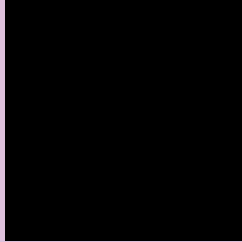
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1124, 58.8368, 75.7931

Background



This preview shows how black text looks on a background with the XYZ color 62.1124, 58.8368, 75.7931.



This preview shows how white text looks on a background with the XYZ color 62.1124, 58.8368,

75.7931.

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

62.1124, 58.8368, 75.7931

Protanopia

57.7981, 58.8869, 79.5542

Deuteranopia

59.9667, 58.7405, 75.1953



Tritanopia

60.9668, 59.0555, 69.1583

Trichromacy



Original Color

62.1124, 58.8368, 75.7931

Protanomaly

59.0177, 58.5256, 77.9980

Deuteranomaly

60.6202, 58.7436, 75.1615

Tritanomaly

61.2482, 58.8108, 71.7418

Monochromacy



Original Color

62.1124, 58.8368, 75.7931

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3835, 60.2753, 69.4772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1124, 58.8368, 75.7931 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(222, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.1124, 58.8368, 75.7931 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(222, 193, 220) }
```


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

```
.border{ border-color:rgb(222, 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(222, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1124, 58.8368, 75.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 220) }
```

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

```
.background{ background-color: rgb(222,  
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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