

Converting Colors

XYZ(62.1469, 61.5477, 74.9288)

Have a look what the booklet for
XYZ(62.1469, 61.5477, 74.9288)
contains.

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Color

**XYZ(62.1568, 61.5870,
74.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C9DA
RGB	217, 201, 218
RGB Percent	85%, 79%, 85%
CMY	0.1490, 0.2117, 0.1451
CMYK	0.00, 0.08, 0.00, 0.15
HSL	296°, 19%, 82%
HSV	296°, 8%, 85%
XYZ	62.1568, 61.5870, 74.9411
YIQ	207.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

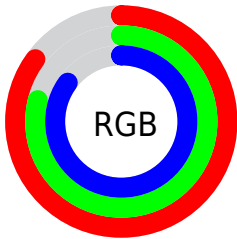
Format	Color
R _Y B	217, 201, 218
Decimal	14272986
CIE Lab	82.69, 8.59, -6.42
CIE LCh	83, 10.729, 323.231
Yxy	61.5870, 0.3128, 0.3100
Android (android.graphics.Color)	4292463066 (0xFFD9C9DA)
YUV	207.7220, 5.0671, 8.1368
Hunter-Lab	78.4774, 4.0427, -1.6842

Details

The XYZ color **62.1568, 61.5870, 74.9411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9735, 66.9180, 65.0171**, and the grayscale version is **59.7422, 62.8534, 68.4474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9449, 31.1932, 38.9875** is the 20% darker color. If you saturate the color by 10%, you get **57.0522, 51.9406, 73.3491**, and if you desaturate by 10%, it is **67.9892, 72.6826, 76.7763**.

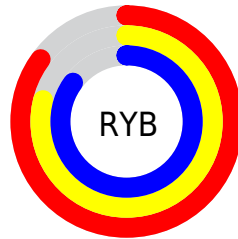
Distribution



Red (85%)

Green (79%)

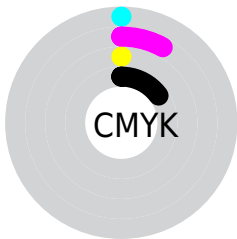
Blue (85%)



Red (85%)

Yellow (79%)

Blue (85%)

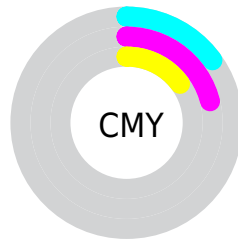


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1568, 61.5870, 74.9411 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 62.1568, 61.5870, 74.9411 by changing the saturation by 10% instead.

62.1568, 61.5870,
74.9411

62.1568, 61.5870,
74.9411

422.2113,
430.4230, 496.9651

45.4155, 44.6991,
55.0632

107.0408,
107.1284, 127.9753

31.9875, 31.2205,
39.0534

135.9142,
136.5507, 161.9687

21.5074, 20.7668,
26.4931

169.5623,
170.9198, 201.5043

13.6100, 12.9536,
16.9638

208.3505,
210.6203, 247.0008

7.9298, 7.3966,
10.0470

252.6441,
256.0365, 298.8765

4.1015, 3.7114,
5.3241

302.8086,

1.7597, 1.5134,

307.5527, 357.5501

2.3766

359.2092,
365.5534, 423.4401

■ 0.4932, 0.2982,
0.7737

■ 0.0000, 0.0000,
0.0000

■ 62.1568, 61.5870,
74.9411

■ 62.1568, 61.5870,
74.9411

■ 57.0522, 51.9406,
73.3491

■ 67.9892, 72.6826,
76.7763

■ 52.6397, 43.6751,
71.9863

■ 74.5724, 85.2764,
78.8602

■ 48.8888, 36.7283,
70.8431

■ 78.1879, 91.9305,
79.9540

■ 45.7646, 31.0305,
69.9080

■ 78.5796, 92.1324,
79.9723

43.2288, 26.5053,
69.1682

78.9743, 92.3359,
79.9908

41.2392, 23.0679,
68.6096

79.3719, 92.5409,
80.0094

39.7476, 20.6224,
68.2162

79.7726, 92.7474,
80.0281

38.6977, 19.0560,
67.9691

80.1763, 92.9555,
80.0470

38.0106, 18.2107,
67.8422

80.5830, 93.1652,
80.0661

Harmonies

Analogous

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



60.3011, 61.5870, 79.4027



62.1568, 61.5870, 74.9411



63.0460, 61.5870, 68.5641

Triad

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



62.1568, 61.5870, 74.9411



59.0602, 61.5870, 55.2335



54.5601, 61.5870, 72.1866

Complementary

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



62.1568, 61.5870, 74.9411



59.9735, 66.9180, 65.0171

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.



54.2475, 61.5870, 65.5737



62.1568, 61.5870, 74.9411



56.8069, 61.5870, 56.0636

Square

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



62.1568, 61.5870, 74.9411



61.2281, 61.5870, 57.4011



55.0598, 61.5870, 59.7476



55.9251, 61.5870, 77.7410

Rectangle

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



62.1568, 61.5870, 74.9411



62.9550, 61.5870, 64.1962



55.0598, 61.5870, 59.7476



54.3299, 61.5870, 70.0031

Sweetspot

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



62.1586, 61.5897, 74.9424



93.3342, 96.7322, 108.3597



57.8968, 59.7862, 74.8190



19.9953, 20.7389, 23.1991



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.



62.1586, 61.5897, 74.9424



87.6657, 85.9662, 106.5804



61.5140, 61.3663, 69.9920



13.5348, 13.2338, 16.4932



22.7265, 10.8401, 40.6329



1.4958, 0.7144, 2.6335

Inverse Universe

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



60.4630, 60.9458, 64.4573



84.8759, 84.9075, 89.3062



60.5913, 67.1340, 69.6782



13.0869, 13.0639, 13.7191



17.3781, 8.9523, 1.1050



1.1370, 0.5844, 0.1304

Previews

White Background



This preview shows how the XYZ color 62.1568, 61.5870, 74.9411 looks on a white background.

Color Contrast Check

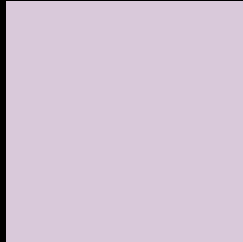
Large Text (above 18pt) WCAG AA × Fail

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 62.1568, 61.5870, 74.9411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

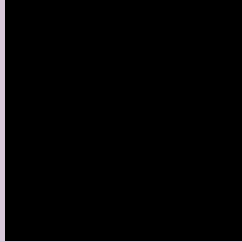
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1568, 61.5870, 74.9411

Background



This preview shows how black text looks on a background with the XYZ color 62.1568, 61.5870, 74.9411.



This preview shows how white text looks on a background with the XYZ color 62.1568, 61.5870,

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

62.1568, 61.5870, 74.9411

Protanopia

59.9264, 61.8091, 76.4820

Deuteranopia

62.8244, 61.5862, 74.9058



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

62.1568, 61.5870, 74.9411

Protanomaly

60.6735, 61.8555, 75.7593

Deuteranomaly

62.5226, 61.4306, 74.8917

Tritanomaly

62.0263, 61.5348, 74.2539

Monochromacy



Original Color

62.1568, 61.5870, 74.9411

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5790, 62.2650, 71.1128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1568, 61.5870, 74.9411 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, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 218)  
}
```

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, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.1568, 61.5870, 74.9411 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, 201, 218) }
```


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

```
.border{ border-color:rgb(217, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1568, 61.5870, 74.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 218) }
```

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

```
.background{ background-color: rgb(217,  
201, 218) }
```

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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