

Converting Colors

XYZ(62.6182, 63.5115, 78.6317)

Have a look what the booklet for
XYZ(62.6182, 63.5115, 78.6317)
contains.

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Color

**XYZ(62.5420, 63.4674,
78.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CEDF
RGB	212, 206, 223
RGB Percent	83%, 81%, 87%
CMY	0.1686, 0.1921, 0.1255
CMYK	0.05, 0.08, 0.00, 0.13
HSL	261°, 21%, 84%
HSV	261°, 8%, 87%
XYZ	62.5420, 63.4674, 78.7661
YIQ	209.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

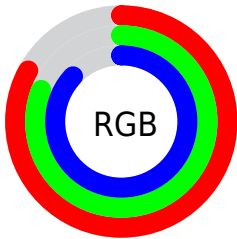
Format	Color
R _Y B	212, 206, 223
Decimal	13946591
CIE Lab	83.69, 5.20, -7.66
CIE LCh	84, 9.262, 304.179
Yxy	63.4674, 0.3054, 0.3099
Android (android.graphics.Color)	4292136671 (0xFFD4CEDF)
YUV	209.7320, 6.5411, 1.9890
Hunter-Lab	79.6664, 0.7149, -2.8534

Details

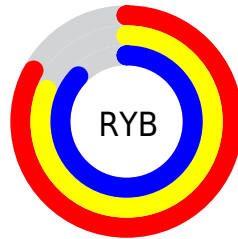
The XYZ color **62.5420, 63.4674, 78.7661** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1458, 71.9849, 68.8039**, and the grayscale version is **61.0438, 64.2228, 69.9387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2007, 32.4517, 41.6124** is the 20% darker color. If you saturate the color by 10%, you get **53.5742, 51.4337, 76.9170**, and if you desaturate by 10%, it is **72.6471, 77.2216, 80.8893**.

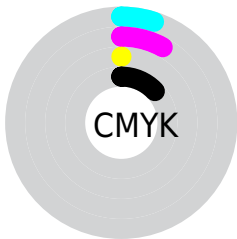
Distribution



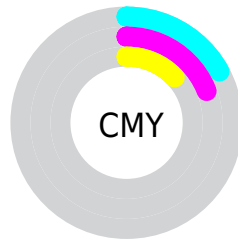
- Red (83%)
- Green (81%)
- Blue (87%)



- Red (83%)
- Yellow (81%)
- Blue (87%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5420, 63.4674, 78.7661 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 62.5420, 63.4674, 78.7661 by changing the saturation by 10% instead.

■ 62.5420, 63.4674,
78.7661

■ 62.5420, 63.4674,
78.7661

423.5915,
437.2638, 510.3614

■ 45.7280, 46.2194,
58.1833

107.5940,
109.8435, 133.4252

■ 32.2350, 32.4190,
41.5404

136.5628,
139.7405, 168.3386

■ 21.6975, 21.6818,
28.4187

170.3139,
174.6226, 208.8660

■ 13.7501, 13.6232,
18.3997

209.2126,
214.8742, 255.4259

■ 8.0276, 7.8591,
11.0650

253.6244,
260.8798, 308.4369

■ 4.1646, 4.0049,
5.9958

303.9146,

■ 1.7957, 1.6763,

313.0236, 368.3174

2.7738

360.4485,
371.6901, 435.4861

■ 0.5151, 0.4083,
0.9803

■ 0.0000, 0.0000,
0.0000

■ 62.5420, 63.4674,
78.7661

■ 62.5420, 63.4674,
78.7661

■ 53.5742, 51.4337,
76.9170

■ 72.6471, 77.2216,
80.8893

■ 45.6964, 41.0434,
75.3267

■ 83.9232, 92.7529,
83.2928

■ 38.8664, 32.2259,
73.9847

■ 90.3195, 98.1078,
83.9893

■ 33.0366, 24.9018,
72.8783

■ 28.1558, 18.9849,
71.9934

■ 24.1675, 14.3799,
71.3148

■ 21.0088, 10.9789,
70.8248

■ 18.6069, 8.6562,
70.5031

■ 16.8666, 7.2419,
70.3218

Harmonies

Analogous

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



60.6086, 63.4674, 80.8574



62.5420, 63.4674, 78.7661



63.9040, 63.4674, 74.0866

Triad

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



62.5420, 63.4674, 78.7661



62.0390, 63.4674, 59.5284



56.5162, 63.4674, 69.9225

Complementary

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



62.5420, 63.4674, 78.7661



66.1458, 71.9849, 68.8039

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.



56.8800, 63.4674, 64.3523



62.5420, 63.4674, 78.7661



60.0401, 63.4674, 58.5508

Square

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



62.5420, 63.4674, 78.7661



63.6090, 63.4674, 63.0170



58.1588, 63.4674, 60.2684



57.1538, 63.4674, 75.5734

Rectangle

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



62.5420, 63.4674, 78.7661



64.2886, 63.4674, 70.2446



58.1588, 63.4674, 60.2684



56.5256, 63.4674, 67.9782

Sweetspot

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



62.5439, 63.4701, 78.7675



92.2407, 96.1685, 108.3085



63.6008, 68.1031, 79.6060



19.7728, 20.6242, 23.1887



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.



62.5439, 63.4701, 78.7675



82.9060, 83.5125, 106.3576



65.0441, 64.7590, 78.8845



13.4060, 13.4773, 17.2825



9.8232, 4.1594, 41.3335



0.7757, 0.3372, 2.8694

Inverse Universe

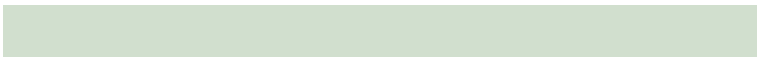
The Inverse Universe completely reimagines the original color for something new.



65.0293, 64.8432, 74.7373



86.8841, 85.7108, 99.8814



63.6978, 70.7229, 68.6893



14.0789, 13.8492, 16.1859



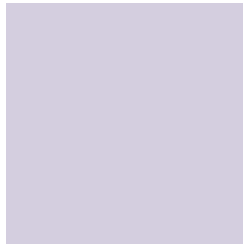
20.9230, 10.4362, 16.7922



1.4923, 0.7402, 1.3852

Previews

White Background



This preview shows how the XYZ color 62.5420, 63.4674, 78.7661 looks on a white background.

Color Contrast Check

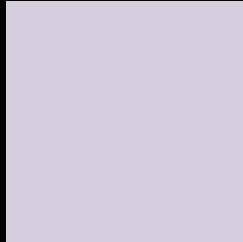
Large Text (above 18pt) WCAG AA × Fail

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 62.5420, 63.4674, 78.7661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

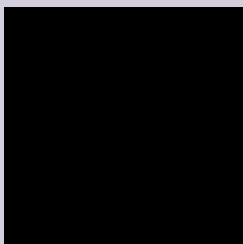
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

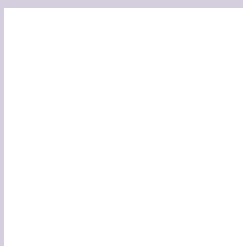
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5420, 63.4674, 78.7661

Background



This preview shows how black text looks on a background with the XYZ color 62.5420, 63.4674, 78.7661.

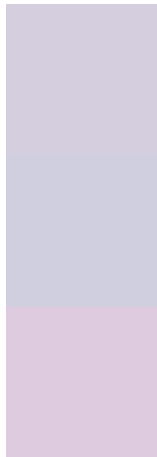


This preview shows how white text looks on a background with the XYZ color 62.5420, 63.4674,

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

62.5420, 63.4674, 78.7661

Protanopia

61.7798, 63.4174, 79.5056

Deuteranopia

64.9347, 63.6233, 79.3791



Tritanopia

62.4075, 63.4136, 78.0581

Trichromacy



Original Color

62.5420, 63.4674, 78.7661

Protanomaly

62.0619, 63.5628, 79.5188

Deuteranomaly

63.9609, 63.4730, 79.4014

Tritanomaly

62.4075, 63.4136, 78.0581

Monochromacy



Original Color

62.5420, 63.4674, 78.7661

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.9302, 64.3561, 73.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5420, 63.4674, 78.7661 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(212, 206, 223) looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 223)  
}
```

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(212, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.5420, 63.4674, 78.7661 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(212, 206, 223) }
```


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

```
.border{ border-color:rgb(212, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5420, 63.4674, 78.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 223) }
```

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

```
.background{ background-color: rgb(212,  
206, 223) }
```

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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