

Converting Colors

XYZ(62.8312, 63.6165, 78.7797)

Have a look what the booklet for
XYZ(62.8312, 63.6165, 78.7797)
contains.

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Color

**XYZ(62.8312, 63.6165,
78.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CEDF
RGB	213, 206, 223
RGB Percent	84%, 81%, 87%
CMY	0.1647, 0.1921, 0.1255
CMYK	0.04, 0.08, 0.00, 0.13
HSL	265°, 21%, 84%
HSV	265°, 8%, 87%
XYZ	62.8312, 63.6165, 78.7797
YIQ	210.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

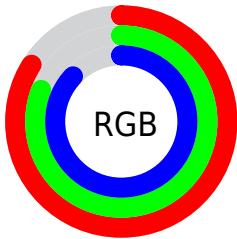
Format	Color
R _Y B	213, 206, 223
Decimal	14012127
CIE Lab	83.77, 5.54, -7.54
CIE LCh	84, 9.353, 306.294
Yxy	63.6165, 0.3062, 0.3100
Android (android.graphics.Color)	4292202207 (0xFFD5CEDF)
YUV	210.0310, 6.3937, 2.6038
Hunter-Lab	79.7600, 1.0341, -2.7294

Details

The XYZ color **62.8312, 63.6165, 78.7797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8495, 71.8322, 68.7901**, and the grayscale version is **61.2405, 64.4298, 70.1640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3967, 32.5527, 41.6216** is the 20% darker color. If you saturate the color by 10%, you get **54.1865, 51.7494, 76.9457**, and if you desaturate by 10%, it is **72.5491, 77.1711, 80.8848**.

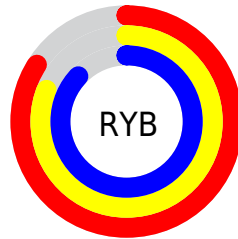
Distribution



Red (84%)

Green (81%)

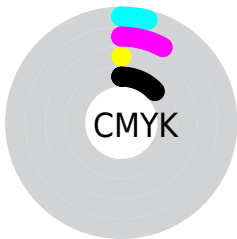
Blue (87%)



Red (84%)

Yellow (81%)

Blue (87%)

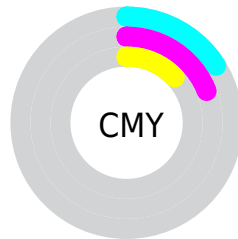


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8312, 63.6165, 78.7797 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 62.8312, 63.6165, 78.7797 by changing the saturation by 10% instead.

■ 62.8312, 63.6165,
78.7797

■ 62.8312, 63.6165,
78.7797

424.6260,
437.8034, 510.4087

■ 45.9628, 46.3401,
58.1945

108.0091,
110.0584, 133.4445

■ 32.4210, 32.5143,
41.5493

137.0494,
139.9928, 168.3612

■ 21.8403, 21.7546,
28.4256

170.8776,
174.9153, 208.8921

■ 13.8556, 13.6767,
18.4049

209.8592,
215.2103, 255.4557

■ 8.1013, 7.8962,
11.0686

254.3594,
261.2622, 308.4707

■ 4.2122, 4.0286,
5.9983

304.7438,

■ 1.8229, 1.6896,

313.4555, 368.3554

2.7752

361.3775,
372.1744, 435.5286

■ 0.5314, 0.4169,
0.9811

■ 0.0000, 0.0000,
0.0000

■ 62.8312, 63.6165,
78.7797

■ 62.8312, 63.6165,
78.7797

■ 54.1865, 51.7494,
76.9457

■ 72.5491, 77.1711,
80.8848

■ 46.5704, 41.4940,
75.3676

■ 83.3718, 92.4687,
83.2671

■ 39.9430, 32.7809,
74.0351

■ 89.3556, 97.6109,
83.9443

■ 34.2597, 25.5323,
72.9356

■ 90.3195, 98.1078,
83.9894

■ 29.4719, 19.6634,
72.0551

■ 25.5265, 15.0804,
71.3784

■ 22.3637, 11.6774,
70.8883

■ 19.9147, 9.3304,
70.5643

■ 18.0881, 7.8716,
70.3790

Harmonies

Analogous

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



60.8992, 63.6165, 81.1168



62.8312, 63.6165, 78.7797



64.1505, 63.6165, 73.9104

Triad

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



62.8312, 63.6165, 78.7797



62.0657, 63.6165, 59.4281



56.6281, 63.6165, 70.5138

Complementary

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



62.8312, 63.6165, 78.7797



65.8495, 71.8322, 68.7901

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.



56.9245, 63.6165, 64.8233



62.8312, 63.6165, 78.7797



60.0340, 63.6165, 58.6323

Square

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



62.8312, 63.6165, 78.7797



63.7016, 63.6165, 62.7920



58.1601, 63.6165, 60.5537



57.3410, 63.6165, 76.1736

Rectangle

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



62.8312, 63.6165, 78.7797



64.4888, 63.6165, 70.0004



58.1601, 63.6165, 60.5537



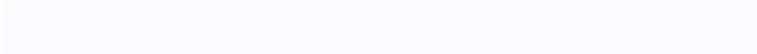
56.6132, 63.6165, 68.5398

Sweetspot

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



62.8331, 63.6192, 78.7811



92.3492, 96.2244, 108.3136



63.3823, 67.6661, 79.5333



19.7949, 20.6356, 23.1897



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.



62.8331, 63.6192, 78.7811



83.3664, 83.7498, 106.3792



65.3027, 64.8924, 78.8967



13.4838, 13.5174, 17.2861



10.5363, 4.5270, 41.3668



0.8302, 0.3653, 2.8720

Inverse Universe

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



64.8996, 64.7913, 74.0543



86.6766, 85.6277, 98.7885



63.4587, 70.5997, 68.6782



14.0438, 13.8352, 16.0010



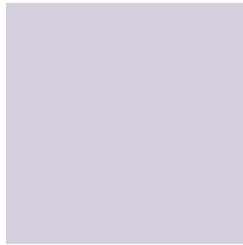
20.3675, 10.2140, 13.8669



1.4560, 0.7257, 1.1939

Previews

White Background



This preview shows how the XYZ color 62.8312, 63.6165, 78.7797 looks on a white background.

Color Contrast Check

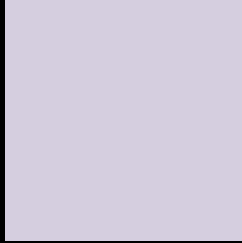
Large Text (above 18pt) WCAG AA × Fail

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 62.8312, 63.6165, 78.7797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

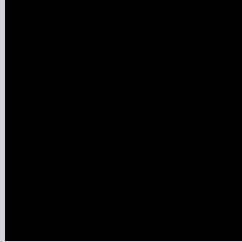
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8312, 63.6165, 78.7797

Background



This preview shows how black text looks on a background with the XYZ color 62.8312, 63.6165, 78.7797.

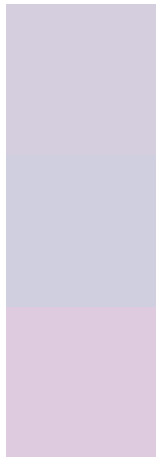


This preview shows how white text looks on a background with the XYZ color 62.8312, 63.6165,

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

62.8312, 63.6165, 78.7797

Protanopia

61.7798, 63.4174, 79.5056

Deuteranopia

64.9347, 63.6233, 79.3791



Tritanopia

62.6967, 63.5627, 78.0716

Trichromacy



Original Color

62.8312, 63.6165, 78.7797

Protanomaly

62.3457, 63.7091, 79.5321

Deuteranomaly

64.2608, 63.6276, 79.4155

Tritanomaly

62.6967, 63.5627, 78.0716

Monochromacy



Original Color

62.8312, 63.6165, 78.7797

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 62.8312, 63.6165, 78.7797 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(213, 206, 223) looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 223) }
```

Border

The CSS property to change the border of an element to XYZ 62.8312, 63.6165, 78.7797 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(213, 206, 223) }
```


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

```
.border{ border-color:rgb(213, 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(213, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(213, 206,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8312, 63.6165, 78.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 223) }
```

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

```
.background{ background-color: rgb(213,  
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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