

Converting Colors

XYZ(62.6989, 63.1130, 82.2762)

Have a look what the booklet for
XYZ(62.6989, 63.1130, 82.2762)
contains.

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Color

**XYZ(62.6989, 63.1130,
82.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CDE4
RGB	211, 205, 228
RGB Percent	83%, 80%, 89%
CMY	0.1725, 0.1961, 0.1059
CMYK	0.07, 0.10, 0.00, 0.11
HSL	256°, 30%, 85%
HSV	256°, 10%, 89%
XYZ	62.6989, 63.1130, 82.2762
YIQ	209.4160, -3.8070, 8.4250

Conversions

Conversions Part 2

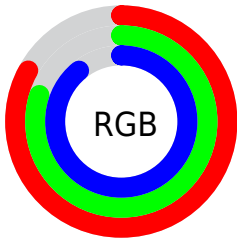
Format	Color
R _Y B	211, 205, 228
Decimal	13880804
CIE Lab	83.50, 6.37, -10.61
CIE LCh	84, 12.376, 300.968
Yxy	63.1130, 0.3013, 0.3033
Android (android.graphics.Color)	4292070884 (0xFFD3CDE4)
YUV	209.4160, 9.1619, 1.3892
Hunter-Lab	79.4437, 1.8501, -5.7934

Details

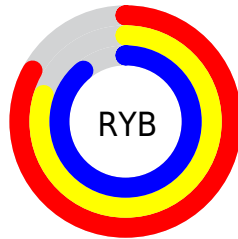
The XYZ color **62.6989, 63.1130, 82.2762** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8894, 75.4258, 68.6885**, and the grayscale version is **60.8214, 63.9888, 69.6838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3197, 32.2183, 44.0505** is the 20% darker color. If you saturate the color by 10%, you get **53.0597, 50.6302, 80.3758**, and if you desaturate by 10%, it is **73.6429, 77.4516, 84.4680**.

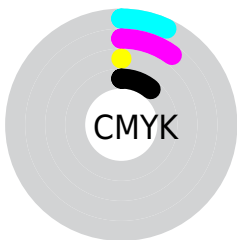
Distribution



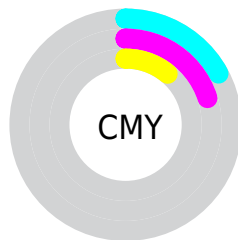
- Red (83%)
- Green (80%)
- Blue (89%)



- Red (83%)
- Yellow (80%)
- Blue (89%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6989, 63.1130, 82.2762 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 62.6989, 63.1130, 82.2762 by changing the saturation by 10% instead.

■ 62.6989, 63.1130,
82.2762

■ 62.6989, 63.1130,
82.2762

424.1530,
435.9795, 522.4788

■ 45.8554, 45.9326,
61.0561

107.8193,
109.3325, 138.4014

■ 32.3359, 32.1927,
43.8396

136.8268,
139.1405, 174.1436

■ 21.7750, 21.5087,
30.2081

170.6198,
173.9264, 215.5635

■ 13.8073, 13.4963,
19.7432

209.5635,
214.0747, 263.0798

■ 8.0676, 7.7712,
12.0263

254.0233,
259.9697, 317.1109

■ 4.1904, 3.9489,
6.6388

304.3646,

■ 1.8104, 1.6450,

311.9960, 378.0754

3.1623

360.9527,
370.5377, 446.3919

■ 0.5239, 0.3877,
1.1781

■ 0.0000, 0.0000,
0.0000

■ 62.6989, 63.1130,
82.2762

■ 62.6989, 63.1130,
82.2762

■ 53.0597, 50.6302,
80.3758

■ 73.6429, 77.4516,
84.4680

■ 44.6699, 39.9188,
78.7505

■ 85.9331, 93.7099,
86.9584

■ 37.4784, 30.8995,
77.3886

■ 91.0038, 98.3815,
87.5929

■ 31.4281, 23.4840,
76.2761

■ 26.4574, 17.5757,
75.3977

■ 22.4982, 13.0675,
74.7362

■ 19.4740, 9.8375,
74.2722

■ 17.2961, 7.7420,
73.9825

■ 15.8346, 6.5453,
73.8285

Harmonies

Analogous

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



60.0748, 63.1130, 84.6873



62.6989, 63.1130, 82.2762



64.6428, 63.1130, 76.1921

Triad

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



62.6989, 63.1130, 82.2762



62.5425, 63.1130, 56.5191



54.9433, 63.1130, 68.9709

Complementary

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



62.6989, 63.1130, 82.2762



68.8894, 75.4258, 68.6885

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.



55.5603, 63.1130, 61.7518



62.6989, 63.1130, 82.2762



59.8993, 63.1130, 54.8964

Square

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



62.6989, 63.1130, 82.2762



64.5507, 63.1130, 61.3474



57.3545, 63.1130, 56.7400



55.6437, 63.1130, 76.6594

Rectangle

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



62.6989, 63.1130, 82.2762



65.2630, 63.1130, 71.0805



57.3545, 63.1130, 56.7400



55.0034, 63.1130, 66.4111

Sweetspot

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



62.7008, 63.1157, 82.2776



90.6079, 94.1590, 108.0067



65.3703, 70.9580, 83.6506



19.1454, 19.8279, 23.0680



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.



62.7008, 63.1157, 82.2776



78.2154, 77.9660, 105.5343



66.0378, 64.8360, 82.4338



13.9335, 14.0679, 18.1253



9.2378, 3.8281, 42.6352



0.7680, 0.3269, 3.1546

Inverse Universe

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



67.0132, 65.4334, 78.2083



84.7949, 81.5032, 99.2746



65.5573, 73.7081, 68.5326



14.8262, 14.5477, 17.2851



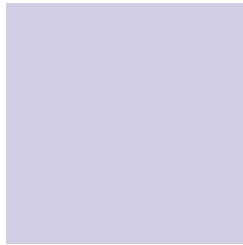
22.6366, 11.1888, 22.7790



1.7103, 0.8418, 1.8808

Previews

White Background



This preview shows how the XYZ color 62.6989, 63.1130, 82.2762 looks on a white background.

Color Contrast Check

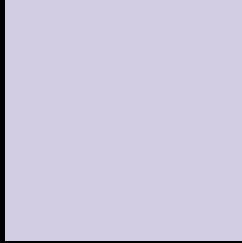
Large Text (above 18pt) WCAG AA × Fail

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 62.6989, 63.1130, 82.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

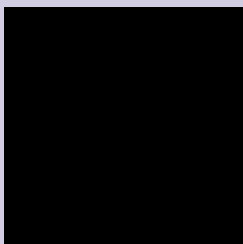
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6989, 63.1130, 82.2762

Background



This preview shows how black text looks on a background with the XYZ color 62.6989, 63.1130, 82.2762.



This preview shows how white text looks on a background with the XYZ color 62.6989, 63.1130,

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

62.6989, 63.1130, 82.2762

Protanopia

61.9093, 63.4046, 83.1041

Deuteranopia

64.4768, 62.9583, 82.8826



Tritanopia

61.8345, 63.1182, 78.0312

Trichromacy



Original Color

62.6989, 63.1130, 82.2762

Protanomaly

62.2266, 63.2097, 83.0497

Deuteranomaly

63.8177, 62.9679, 82.9192

Tritanomaly

62.1042, 63.2261, 79.4516

Monochromacy



Original Color

62.6989, 63.1130, 82.2762

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.5289, 63.7713, 74.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6989, 63.1130, 82.2762 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(211, 205, 228) looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 228)  
}
```

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(211, 205, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.6989, 63.1130, 82.2762 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(211, 205, 228) }
```


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

```
.border{ border-color:rgb(211, 205, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 228);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6989, 63.1130, 82.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 228) }
```

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

```
.background{ background-color: rgb(211,  
205, 228) }
```

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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