

Converting Colors

XYZ(64.0607, 62.6784, 77.2114)

Have a look what the booklet for
XYZ(64.0607, 62.6784, 77.2114)
contains.

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Color

**XYZ(64.0620, 62.5233,
77.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC9DD
RGB	222, 201, 221
RGB Percent	87%, 79%, 87%
CMY	0.1294, 0.2117, 0.1333
CMYK	0.00, 0.09, 0.00, 0.13
HSL	303°, 24%, 83%
HSV	303°, 9%, 87%
XYZ	64.0620, 62.5233, 77.0984
YIQ	209.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

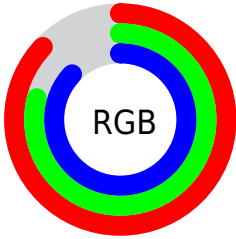
Format	Color
R _Y B	222, 201, 221
Decimal	14600669
CIE Lab	83.19, 10.84, -7.24
CIE LCh	83, 13.037, 326.249
Yxy	62.5233, 0.3145, 0.3070
Android (android.graphics.Color)	4292790749 (0xFFDEC9DD)
YUV	209.5590, 5.6404, 10.9108
Hunter-Lab	79.0717, 6.2410, -2.4602

Details

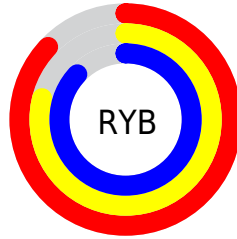
The XYZ color **64.0620, 62.5233, 77.0984** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8717, 68.9261, 65.9762**, and the grayscale version is **60.9325, 64.1058, 69.8112**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2530, 31.8361, 40.4688** is the 20% darker color. If you saturate the color by 10%, you get **59.1165, 52.8562, 74.7576**, and if you desaturate by 10%, it is **69.7599, 73.6920, 79.6959**.

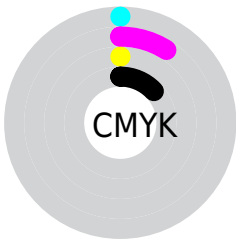
Distribution



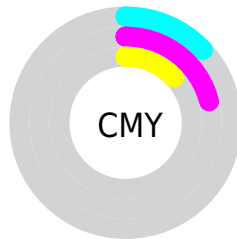
- Red (87%)
- Green (79%)
- Blue (87%)



- Red (87%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0620, 62.5233, 77.0984 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 64.0620, 62.5233, 77.0984 by changing the saturation by 10% instead.

64.0620, 62.5233,
77.0984

64.0620, 62.5233,
77.0984

429.0122,
433.8374, 504.5460

46.9628, 45.4557,
56.8216

109.7735,
108.4815, 131.0527

33.2140, 31.8165,
40.4536

139.1164,
138.1408, 165.5672

22.4505, 21.2214,
27.5759

173.2713,
172.7662, 205.6647

14.3067, 13.2859,
17.7700

212.6034,
212.7420, 251.7637

8.4174, 7.6257,
10.6172

257.4782,
258.4526, 304.2829

4.4172, 3.8564,
5.6992

308.2611,

1.9408, 1.5936,

310.2825, 363.6406

2.5972

365.3173,
368.6159, 430.2555

■ 0.6004, 0.3533,
0.8910

■ 0.0000, 0.0000,
0.0000

■ 64.0620, 62.5233,
77.0984

■ 64.0620, 62.5233,
77.0984

■ 59.1165, 52.8562,
74.7576

■ 69.7599, 73.6920,
79.6959

■ 54.8861, 44.6187,
72.6588

■ 76.2348, 86.4142,
82.5560

■ 51.3383, 37.7451,
70.7919

■ 79.3628, 92.4411,
84.3049

■ 48.4361, 32.1612,
69.1445

■ 79.5069, 92.4987,
85.0635

46.1389, 27.7860,
67.7032

79.6519, 92.5567,
85.8268

44.4015, 24.5291,
66.4528

79.7977, 92.6151,
86.5949

43.1726, 22.2876,
65.3763

79.9445, 92.6738,
87.3677

42.3912, 20.9396,
64.4532

80.0921, 92.7328,
88.1452

41.9563, 20.2834,
63.6499

80.2407, 92.7922,
88.9274

Harmonies

Analogous

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



61.8633, 62.5233, 83.0168



64.0620, 62.5233, 77.0984



65.0177, 62.5233, 69.1008

Triad

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



64.0620, 62.5233, 77.0984



59.7828, 62.5233, 53.6937



54.6831, 62.5233, 75.1976

Complementary

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



64.0620, 62.5233, 77.0984



60.8717, 68.9261, 65.9762

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.



54.1654, 62.5233, 67.0638



64.0620, 62.5233, 77.0984



57.0545, 62.5233, 55.0470

Square

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



64.0620, 62.5233, 77.0984



62.4982, 62.5233, 55.9357



55.0202, 62.5233, 59.7888



56.4572, 62.5233, 81.8598

Rectangle

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



64.0620, 62.5233, 77.0984



64.7998, 62.5233, 63.8132



55.0202, 62.5233, 59.7888



54.3588, 62.5233, 72.5272

Sweetspot

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



64.0638, 62.5260, 77.0998



92.5993, 95.1924, 107.7939



58.3502, 59.5651, 77.5302



19.6834, 20.1070, 23.0102



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.



64.0638, 62.5260, 77.0998



86.5310, 83.3051, 105.0027



62.7457, 61.9988, 70.1588



14.2653, 13.9238, 17.1675



24.9209, 12.0354, 37.8448



1.7362, 0.8378, 2.6697

Inverse Universe

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



64.0638, 62.5260, 77.0998



86.5310, 83.3051, 105.0027



62.1198, 69.4253, 72.5482



14.2653, 13.9238, 17.1675



24.9209, 12.0354, 37.8448



1.7362, 0.8378, 2.6697

Previews

White Background



This preview shows how the XYZ color 64.0620, 62.5233, 77.0984 looks on a white background.

Color Contrast Check

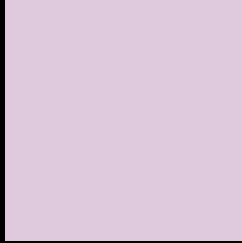
Large Text (above 18pt) WCAG AA × Fail

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 64.0620, 62.5233, 77.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

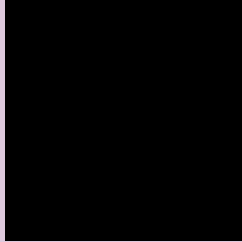
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0620, 62.5233, 77.0984

Background



This preview shows how black text looks on a background with the XYZ color 64.0620, 62.5233, 77.0984.



This preview shows how white text looks on a background with the XYZ color 64.0620, 62.5233,

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

64.0620, 62.5233, 77.0984

Protanopia

60.9795, 62.6462, 79.3990

Deuteranopia

63.7566, 62.3659, 77.0841



Tritanopia

63.4637, 62.6230, 74.3882

Trichromacy



Original Color

64.0620, 62.5233, 77.0984

Protanomaly

62.0635, 62.5105, 78.6067

Deuteranomaly

63.7566, 62.3659, 77.0841

Tritanomaly

63.5942, 62.6752, 75.0754

Monochromacy



Original Color

64.0620, 62.5233, 77.0984

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1820, 63.7768, 72.6511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0620, 62.5233, 77.0984 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, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 221)  
}
```

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, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 64.0620, 62.5233, 77.0984 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, 201, 221) }
```


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

```
.border{ border-color:rgb(222, 201, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 201, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0620, 62.5233, 77.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 221) }
```

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

```
.background{ background-color: rgb(222,  
201, 221) }
```

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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