

# Converting Colors

XYZ(62.1334, 61.2749, 72.8424)

Have a look what the booklet for  
XYZ(62.1334, 61.2749, 72.8424)  
contains.

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# Color

**XYZ(62.1334, 61.2749,  
72.8424)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC8D7
RGB	219, 200, 215
RGB Percent	86%, 78%, 84%
CMY	0.1412, 0.2157, 0.1569
CMYK	0.00, 0.09, 0.02, 0.14
HSL	313°, 21%, 82%
HSV	313°, 9%, 86%
XYZ	62.1334, 61.2749, 72.8424
YIQ	207.3910, 6.5090, 8.6930

# Conversions

## Conversions Part 2

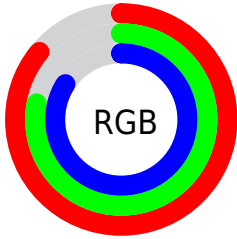
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 200, 215
Decimal	14403799
CIE Lab	82.53, 9.26, -5.05
CIE LCh	83, 10.546, 331.411
Yxy	61.2749, 0.3166, 0.3122
Android (android.graphics.Color)	4292593879 (0xFFDBC8D7)
YUV	207.3910, 3.7512, 10.1811
Hunter-Lab	78.2783, 4.6974, -0.3779

# Details

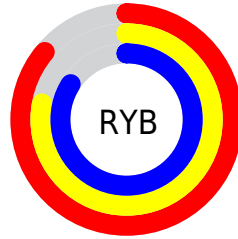
The XYZ color **62.1334, 61.2749, 72.8424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0523, 67.3036, 66.9558**, and the grayscale version is **59.5354, 62.6358, 68.2104**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9339, 30.9883, 37.5560** is the 20% darker color. If you saturate the color by 10%, you get **56.8366, 51.6155, 68.1949**, and if you desaturate by 10%, it is **68.1769, 72.3993, 77.8227**.

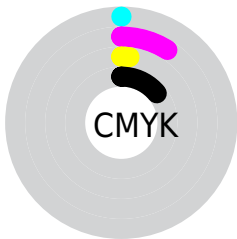
# Distribution



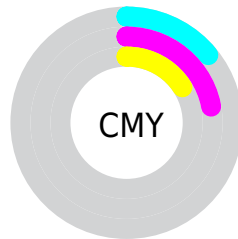
- Red (86%)
- Green (78%)
- Blue (84%)



- Red (86%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1334, 61.2749, 72.8424 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 62.1334, 61.2749, 72.8424 by changing the saturation by 10% instead.



62.1334, 61.2749,  
72.8424

62.1334, 61.2749,  
72.8424

422.1273,  
429.2812, 489.5245

45.3965, 44.4471,  
53.3561

107.0072,  
106.6769, 124.9723

31.9725, 31.0221,  
37.6974

135.8747,  
136.0198, 158.4529

21.4959, 20.6157,  
25.4479

169.5166,  
170.3032, 197.4354

13.6015, 12.8434,  
16.1890

208.2981,  
209.9115, 242.3383

7.9239, 7.3208,  
9.5022

252.5845,  
255.2290, 293.5801

4.0977, 3.6635,  
4.9689

302.7413,

1.7575, 1.4872,

306.6402, 351.5794

2.1706

359.1338,  
364.5295, 416.7547

■ 0.4919, 0.2797,  
0.6573

■ 0.0000, 0.0000,  
0.0000

■ 62.1334, 61.2749,  
72.8424

■ 62.1334, 61.2749,  
72.8424

■ 56.8366, 51.6155,  
68.1949

■ 68.1769, 72.3993,  
77.8227

■ 52.2503, 43.3515,  
63.8652

■ 74.9909, 85.0386,  
83.1422

■ 48.3433, 36.4197,  
59.8431

■ 79.0937, 92.2282,  
87.6416

■ 45.0799, 30.7490,  
56.1158

■ 79.7458, 92.4890,  
91.0752

42.4209, 26.2613,  
52.6698

80.4150, 92.7568,  
94.5996

40.3230, 22.8701,  
49.4897

81.1017, 93.0314,  
98.2153

38.7368, 20.4770,  
46.5585

81.8058, 93.3131,  
101.9232

37.6042, 18.9659,  
43.8561

82.5275, 93.6018,  
105.7238

36.8365, 18.1598,  
41.3521

83.0238, 93.8003,  
108.3372

# Harmonies

## Analogous

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



60.5306, 61.2749, 77.8946



62.1334, 61.2749, 72.8424



62.6860, 61.2749, 66.4124

# Triad

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



62.1334, 61.2749, 72.8424



58.1332, 61.2749, 55.0508



54.6150, 61.2749, 73.4058

# Complementary

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



62.1334, 61.2749, 72.8424



60.0523, 67.3036, 66.9558

# 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.



54.0093, 61.2749, 67.0244



62.1334, 61.2749, 72.8424



56.0078, 61.2749, 56.6650

# Square

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



62.1334, 61.2749, 72.8424



60.3409, 61.2749, 56.3910



54.5127, 61.2749, 60.9468



56.1883, 61.2749, 78.2344



# Rectangle

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



62.1334, 61.2749, 72.8424



62.3734, 61.2749, 62.2838



54.5127, 61.2749, 60.9468



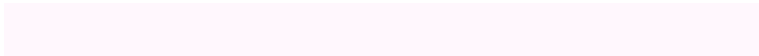
54.2933, 61.2749, 71.3577

# Sweetspot

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



62.1352, 61.2776, 72.8437



92.3996, 95.1125, 106.7424



58.2901, 59.2352, 75.3800



19.6293, 20.0854, 22.7254



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.



62.1352, 61.2776, 72.8437



86.5953, 84.4547, 101.8763



60.9739, 60.8130, 66.7286



13.4908, 13.2254, 15.8459



21.8295, 10.7328, 24.5458



1.4443, 0.7073, 1.7484



# Inverse Universe

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



62.1352, 61.2776, 72.8437



86.5953, 84.4547, 101.8763



61.2013, 67.7632, 73.0062



13.4908, 13.2254, 15.8459



21.8295, 10.7328, 24.5458



1.4443, 0.7073, 1.7484



# Previews

## White Background



This preview shows how the XYZ color 62.1334, 61.2749, 72.8424 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

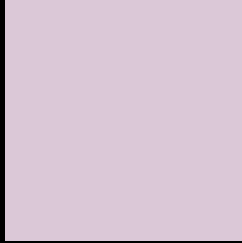
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.1334, 61.2749, 72.8424 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

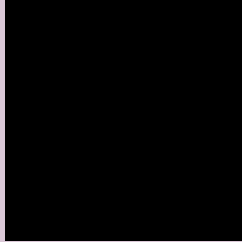
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.1334, 61.2749, 72.8424

## Background



This preview shows how black text looks on a background with the XYZ color 62.1334, 61.2749, 72.8424.



This preview shows how white text looks on a background with the XYZ color 62.1334, 61.2749,



# 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

62.1334, 61.2749, 72.8424

### Protanopia

59.7014, 61.3695, 75.0286

### Deuteranopia

62.5080, 61.1253, 72.7938



## Tritanopia

62.2624, 61.3265, 73.5214

# Trichromacy



## Original Color

62.1334, 61.2749, 72.8424

## Protanomaly

60.7443, 61.5705, 74.3284

## Deuteranomaly

62.2044, 60.9688, 72.7796

## Tritanomaly

62.2624, 61.3265, 73.5214

# Monochromacy



## Original Color

62.1334, 61.2749, 72.8424

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

60.0897, 61.6878, 69.7126

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.1334, 61.2749, 72.8424 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(219, 200, 215)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 215)  
}
```

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(219, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 62.1334, 61.2749, 72.8424 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(219, 200, 215) }
```



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

```
.border{ border-color:rgb(219, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.1334, 61.2749, 72.8424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 215) }
```

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

```
.background{ background-color: rgb(219,  
200, 215) }
```

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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