

Converting Colors

XYZ(62.4404, 64.1213, 63.1185)

Have a look what the booklet for
XYZ(62.4404, 64.1213, 63.1185)
contains.

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Color

**XYZ(62.4404, 64.1213,
63.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCFC7
RGB	221, 207, 199
RGB Percent	87%, 81%, 78%
CMY	0.1333, 0.1882, 0.2196
CMYK	0.00, 0.06, 0.10, 0.13
HSL	22°, 24%, 82%
HSV	22°, 10%, 87%
XYZ	62.4404, 64.1213, 63.1185
YIQ	210.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

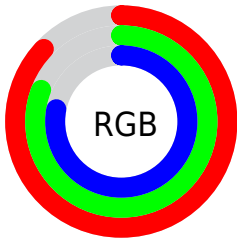
Format	Color
R _Y B	221, 212, 199
Decimal	14536647
CIE Lab	84.03, 3.50, 5.70
CIE LCh	84, 6.689, 58.480
Yxy	64.1213, 0.3292, 0.3380
Android (android.graphics.Color)	4292726727 (0xFFDDCF7)
YUV	210.2740, -5.5581, 9.4067
Hunter-Lab	80.0758, -0.9443, 9.3186

Details

The XYZ color **62.4404, 64.1213, 63.1185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3984, 64.9499, 77.7605**, and the grayscale version is **61.4704, 64.6716, 70.4274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2280, 32.9338, 31.4463** is the 20% darker color. If you saturate the color by 10%, you get **56.8030, 56.6586, 49.4858**, and if you desaturate by 10%, it is **68.7574, 72.3454, 78.8177**.

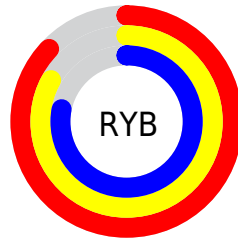
Distribution



Red (87%)

Green (81%)

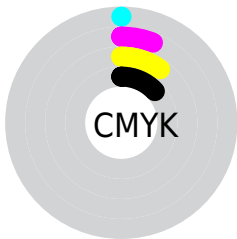
Blue (78%)



Red (87%)

Yellow (83%)

Blue (78%)

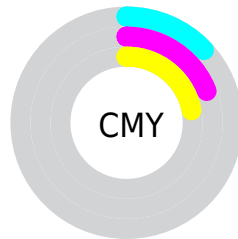


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4404, 64.1213, 63.1185 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 62.4404, 64.1213, 63.1185 by changing the saturation by 10% instead.

■ 62.4404, 64.1213,
63.1185

■ 62.4404, 64.1213,
63.1185

423.2277,
439.6275, 454.1192

■ 45.6456, 46.7489,
45.4955

107.4481,
110.7856, 110.9277

■ 32.1697, 32.8372,
31.5021

136.3918,
140.8463, 141.9509

■ 21.6473, 22.0018,
20.7198

170.1157,
175.9053, 178.2779

■ 13.7131, 13.8582,
12.7301

208.9853,
216.3469, 220.3273

■ 8.0018, 8.0221,
7.1144

253.3660,
262.5555, 268.5176

■ 4.1479, 4.1091,
3.4542

303.6231,

■ 1.7861, 1.7348,

314.9156, 323.2673

1.3310

360.1218,
373.8115, 384.9950

■ 0.5093, 0.4460,
0.0870

■ 0.0000, 0.0000,
0.0000

■ 62.4404, 64.1213,
63.1185

■ 62.4404, 64.1213,
63.1185

■ 56.8030, 56.6586,
49.4858

■ 68.7574, 72.3454,
78.8177

■ 51.8161, 49.9267,
37.8287

■ 75.7712, 81.3436,
96.6611

■ 47.4559, 43.9052,
28.0556

■ 81.8017, 90.4576,
107.7564

■ 43.6955, 38.5694,
20.0657

■ 83.6291, 94.1123,
108.3655

■ 40.5054, 33.8934,
13.7489

■ 37.8536, 29.8490,
8.9828

■ 35.7042, 26.4060,
5.6277

■ 34.0157, 23.5307,
3.5183

■ 32.7227, 21.1787,
2.3661

Harmonies

Analogous

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



63.4728, 64.1213, 66.0146



62.4404, 64.1213, 63.1185



61.0207, 64.1213, 62.0071

Triad

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



62.4404, 64.1213, 63.1185



58.1535, 64.1213, 69.6019



62.3080, 64.1213, 77.2041

Complementary

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



62.4404, 64.1213, 63.1185



60.3984, 64.9499, 77.7605

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.



60.8701, 64.1213, 78.2570



62.4404, 64.1213, 63.1185



58.4859, 64.1213, 73.7631

Square

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



62.4404, 64.1213, 63.1185



58.5592, 64.1213, 65.6556



59.4744, 64.1213, 76.9738



63.3956, 64.1213, 74.1510

Rectangle

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



62.4404, 64.1213, 63.1185



60.0507, 64.1213, 62.3923



59.4744, 64.1213, 76.9738



61.8489, 64.1213, 77.8090

Sweetspot

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



62.4422, 64.1241, 63.1199



92.3096, 96.4511, 102.0308



62.2914, 61.0392, 71.6500



19.6045, 20.4450, 21.4556



0.0000, 0.0000, 0.0000



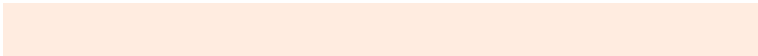
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4422, 64.1241, 63.1199



84.6100, 86.3858, 83.0205



65.1220, 69.4838, 64.0131



13.4419, 13.8233, 13.6853



19.1045, 12.4945, 1.4048



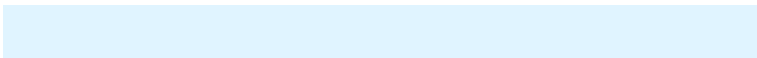
1.3180, 0.9702, 0.1178

Inverse Universe

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



60.3984, 64.9499, 77.7605



81.2253, 87.7527, 107.2647



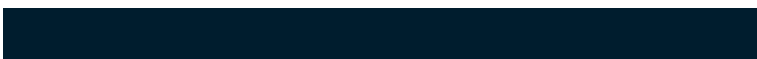
57.7962, 59.7455, 76.8931



13.0258, 13.9914, 16.6662



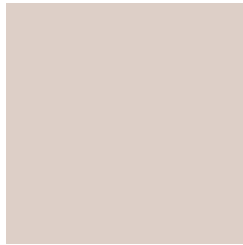
13.1914, 14.2523, 41.7941



0.9355, 1.0851, 2.7346

Previews

White Background



This preview shows how the XYZ color 62.4404, 64.1213, 63.1185 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 62.4404, 64.1213, 63.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

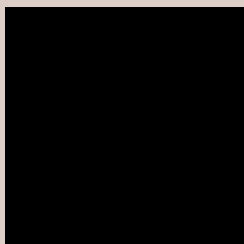
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

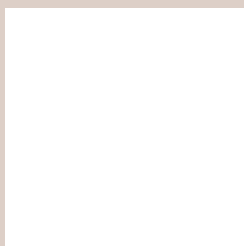
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4404, 64.1213, 63.1185

Background



This preview shows how black text looks on a background with the XYZ color 62.4404, 64.1213, 63.1185.

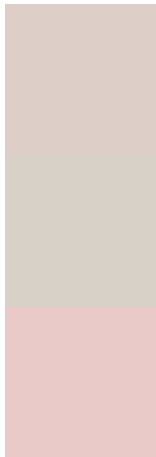


This preview shows how white text looks on a background with the XYZ color 62.4404, 64.1213,

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

62.4404, 64.1213, 63.1185

Protanopia

61.5447, 64.3700, 63.8245

Deuteranopia

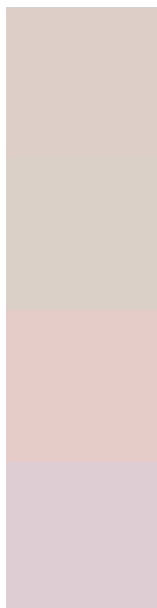
65.1501, 63.7348, 63.5119



Tritanopia

65.2516, 64.2003, 76.6629

Trichromacy



Original Color

62.4404, 64.1213, 63.1185

Protanomaly

61.8946, 64.1873, 63.7708

Deuteranomaly

64.3313, 64.0139, 63.6089

Tritanomaly

64.1464, 64.1041, 71.2798

Monochromacy



Original Color

62.4404, 64.1213, 63.1185

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6726, 64.3533, 67.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4404, 64.1213, 63.1185 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(221, 207, 199) looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 199)  
}
```

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(221, 207, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.4404, 64.1213, 63.1185 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(221, 207, 199) }
```


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

```
.border{ border-color:rgb(221, 207, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 207, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 207, 199); box-shadow:4px 4px 4px 4px rgb(221, 207, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4404, 64.1213, 63.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 199) }
```

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

```
.background{ background-color: rgb(221,  
207, 199) }
```

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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