

Converting Colors

XYZ(62.9373, 64.3659, 76.0489)

Have a look what the booklet for
XYZ(62.9373, 64.3659, 76.0489)
contains.

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Color

**XYZ(63.0736, 64.5224,
76.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D0DB
RGB	214, 208, 219
RGB Percent	84%, 82%, 86%
CMY	0.1608, 0.1843, 0.1412
CMYK	0.02, 0.05, 0.00, 0.14
HSL	273°, 13%, 84%
HSV	273°, 5%, 86%
XYZ	63.0736, 64.5224, 76.1476
YIQ	211.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

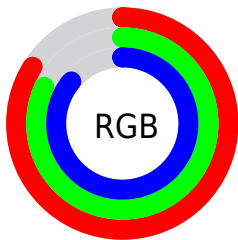
Format	Color
R _Y B	214, 208, 219
Decimal	14078171
CIE Lab	84.24, 4.06, -4.70
CIE LCh	84, 6.216, 310.830
Yxy	64.5224, 0.3096, 0.3167
Android (android.graphics.Color)	4292268251 (0xFFD6D0DB)
YUV	211.0480, 3.9203, 2.5889
Hunter-Lab	80.3258, -0.4081, 0.0221

Details

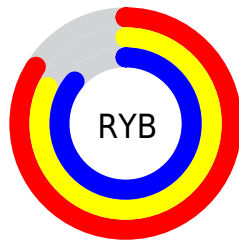
The XYZ color **63.0736, 64.5224, 76.1476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1598, 69.3650, 69.6850**, and the grayscale version is **61.9251, 65.1500, 70.9484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5545, 33.1625, 39.8071** is the 20% darker color. If you saturate the color by 10%, you get **55.2811, 53.1201, 74.3584**, and if you desaturate by 10%, it is **71.7848, 77.4963, 78.1937**.

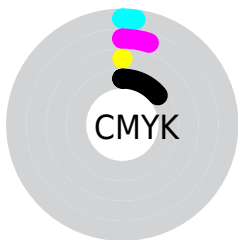
Distribution



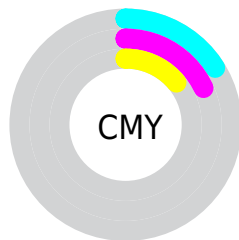
- Red (84%)
- Green (82%)
- Blue (86%)



- Red (84%)
- Yellow (82%)
- Blue (86%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0736, 64.5224, 76.1476 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 63.0736, 64.5224, 76.1476 by changing the saturation by 10% instead.

■ 63.0736, 64.5224,
76.1476

■ 63.0736, 64.5224,
76.1476

425.4920,
441.0737, 501.2131

■ 46.1596, 47.0739,
56.0462

108.3569,
111.3629, 129.6975

■ 32.5770, 33.0941,
39.8357

137.4569,
141.5238, 163.9831

■ 21.9602, 22.1985,
27.0976

171.3497,
176.6909, 203.8338

■ 13.9441, 14.0029,
17.4135

210.4006,
217.2486, 249.6682

■ 8.1633, 8.1226,
10.3647

254.9749,
263.5813, 301.9047

■ 4.2523, 4.1735,
5.5327

305.4380,

■ 1.8458, 1.7711,

316.0735, 360.9620

2.4989

362.1552,
375.1095, 427.2587

■ 0.5450, 0.4691,
0.8396

■ 0.0000, 0.0000,
0.0000

■ 63.0736, 64.5224,
76.1476

■ 63.0736, 64.5224,
76.1476

■ 55.2811, 53.1201,
74.3584

■ 71.7848, 77.4963,
78.1937

■ 48.3685, 43.2195,
72.8117

■ 81.4404, 92.0917,
80.5020

■ 42.3024, 34.7574,
71.4981

■ 85.8115, 95.8454,
80.9961

■ 37.0448, 27.6631,
70.4059

■ 89.3587, 97.6741,
81.1621

■ 32.5548, 21.8596,
69.5223

■ 89.7864, 97.8946,
81.1821

■ 28.7872, 17.2619,
68.8335

■ 25.6916, 13.7747,
68.3235

■ 23.2100, 11.2874,
67.9742

■ 21.2719, 9.6650,
67.7632

Harmonies

Analogous

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



61.8253, 64.5224, 77.9660



63.0736, 64.5224, 76.1476



63.8610, 64.5224, 72.7728

Triad

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



63.0736, 64.5224, 76.1476



62.1999, 64.5224, 63.3339



58.7633, 64.5224, 71.6879

Complementary

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



63.0736, 64.5224, 76.1476



64.1598, 69.3650, 69.6850

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.



58.8602, 64.5224, 67.7938



63.0736, 64.5224, 76.1476



60.8306, 64.5224, 63.0680

Square

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



63.0736, 64.5224, 76.1476



63.3514, 64.5224, 65.4131



59.6122, 64.5224, 64.6725



59.3454, 64.5224, 75.3279

Rectangle

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



63.0736, 64.5224, 76.1476



64.0116, 64.5224, 70.1442



59.6122, 64.5224, 64.6725



58.7177, 64.5224, 70.3638

Sweetspot

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



63.0755, 64.5252, 76.1490



92.5965, 96.3519, 108.3252



62.6289, 66.1825, 76.4924



19.8452, 20.6615, 23.1921



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.



63.0755, 64.5252, 76.1490



87.8485, 89.3280, 107.2197



64.5091, 65.2698, 75.9645



13.5072, 13.6899, 16.5826



12.2547, 5.4417, 40.1429



0.8928, 0.4035, 2.6053

Inverse Universe

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



63.7819, 64.9789, 72.1348



89.0474, 90.0979, 100.4158



62.7767, 68.6468, 69.8560



13.7096, 13.8198, 15.4351



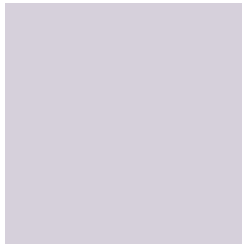
18.7279, 9.4922, 8.2129



1.2564, 0.6322, 0.7590

Previews

White Background



This preview shows how the XYZ color 63.0736, 64.5224, 76.1476 looks on a white background.

Color Contrast Check

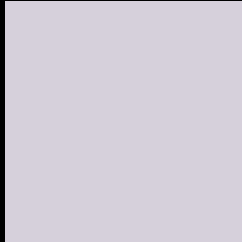
Large Text (above 18pt) WCAG AA × Fail

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 63.0736, 64.5224, 76.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

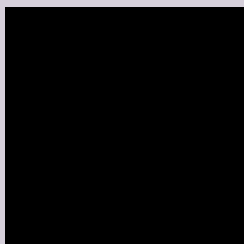
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

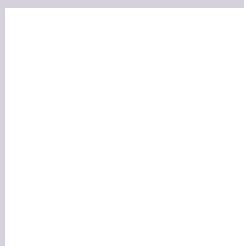
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0736, 64.5224, 76.1476

Background



This preview shows how black text looks on a background with the XYZ color 63.0736, 64.5224, 76.1476.

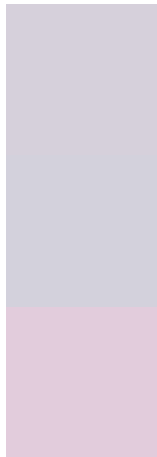


This preview shows how white text looks on a background with the XYZ color 63.0736, 64.5224,

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

63.0736, 64.5224, 76.1476

Protanopia

62.5827, 64.6171, 76.8840

Deuteranopia

65.8752, 64.5218, 76.6921



Tritanopia

63.7917, 64.4545, 79.5998

Trichromacy



Original Color

63.0736, 64.5224, 76.1476

Protanomaly

62.8701, 64.7653, 76.8975

Deuteranomaly

64.8738, 64.3595, 76.7136

Tritanomaly

63.5220, 64.3466, 78.1794

Monochromacy



Original Color

63.0736, 64.5224, 76.1476

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3356, 64.9453, 72.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0736, 64.5224, 76.1476 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(214, 208, 219) looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 219)  
}
```

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(214, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.0736, 64.5224, 76.1476 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(214, 208, 219) }
```


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

```
.border{ border-color:rgb(214, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0736, 64.5224, 76.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 219) }
```

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

```
.background{ background-color: rgb(214,  
208, 219) }
```

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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